Src(Phospho-Y419) Conjugated Antibody

Catalog No: #C13367

SAB Signalway Antibody

Package Size: #C13367-AF350 100ul #C13367-AF405 100ul #C13367-AF488 100ul

#C13367-AF555 100ul #C13367-AF594 100ul #C13367-AF647 100ul

#C13367-AF680 100ul #C13367-AF750 100ul #C13367-Biotin 100ul

Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Description

Host Species Rabbit Clonality Monoclonal Species Reactivity Hu, Ms, Rt Immunogen Description recombinant protein Conjugates Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 Other Names ERK 2 antibody ERK antibody ERK-2 antibody ERT1 antibody Extracellular Signal Regulated Kinase 2 antibody Extracellular signal-regulated kinase 2 antibody MAP kinase 1 antibody MAP kinase 2 antibody MAP kinase 2 antibody MAP kinase 2 antibody MAP kinase 2 antibody MAPK antibody MAPK antibody MAPK antibody MAPK antibody MAPK antibody MAPK antibody P41 antibody P42-MAPK antibody P4KM1 antibody P38 antibody P40 antibody P41 antibody p42-MAPK antibody P42MAPK antibody P7KM1 antibody P7KM1 antibody P7KM2 antibody protein kinase, mitogen-activated, 1 antibody protein kinase, mitogen-activated, 2 antibody protein byrosine kinase ERK2 antibody Accession No. Wiss-Prot#:P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF448: 493nm/519nm AF465: 401nm/421nm AF488: 493nm/519nm AF656: 555nm/566nm AF591: 591nm/814nm AF680: 679nm/702nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCI, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide	Description	
Clonality Monoclonal Species Reactivity Hu, Ms, Rt Immunogen Description recombinant protein Conjugates Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 Other Names ERK 2 antibody ERK antibody ERK-2 antibody ERT1 antibody Extracellular Signal Regulated Kinase 2 antibody Extracellular signal-regulated kinase 2 antibody MAP kinase 1 antibody MAP kinase 2 antibody MAP kinase isoform p42 antibody MAPK 1 antibody MAPK 2 antibody MAPK1 antibody MAPK2 antibody MAPK2 antibody MAPK2 antibody P48 antibody P40 antibody P41 antibody p42-MAPK antibody P42MAPK antibody P78M2 antibody protein kinase 1 antibody p42-MAPK antibody P42MAPK antibody P78M2 antibody P78M2 antibody P40 antibody P41 antibody p79M2 protein kinase, mitogen-activated, 2 antibody protein tyrosine kinase ERK2 antibody Accession No. Swiss-Prot#:P28482 Uniprot P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF488: 493nm/519nm AF488: 493nm/519nm AF488: 493nm/519nm AF680: 679nm/767nm AF680: 679nm/702nm AF680: 679nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCI, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide	Product Name	Src(Phospho-Y419) Conjugated Antibody
Species Reactivity Immunogen Description recombinant protein Conjugates Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 Other Names ERK 2 antibody ERK antibody ERK-2 antibody ERT-1 antibody Extracellular Signal Regulated Kinase 2 antibody Extracellular signal-regulated kinase 2 antibody MAP kinase 1 antibody MAP kinase 2 antibody MAP kinase 1 antibody MAP kinase 2 antibody MAP kinase 2 antibody MAPK 1 antibody MAPK 2 antibody MAPK 3 antibody MAPK 3 antibody MAPK 3 antibody PRKM1 antibody PRKM2 antibody protein kinase, mitogen-activated, 1 antibody protein kinase, mitogen-activated, 2 antibody protein kinase ERK2 antibody Accession No. Swiss-Prot#:P28482 Uniprot P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF680: 679nm/702nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide	Host Species	Rabbit
Immunogen Description recombinant protein Conjugates Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 Other Names ERK 2 antibody ERK antibody ERK-2 antibody ERT1 antibody Extracellular Signal Regulated Kinase 2 antibody Extracellular signal-regulated kinase 2 antibody MAP kinase 1 antibody MAP kinase 2 antibody MAPK 2 antibody MK01_HUMAN antibody P38 antibody P40 antibody P41 antibody P42-MAPK antibody P42MAPK antibody P78KM1 antibody P78KM2 antibody P78KM3 antibody P	Clonality	Monoclonal
Conjugates Biotin AF350 AF405 AF408 AF554 AF594 AF647 AF680 AF750 Other Names ERK 2 antibody ERK antibody ERK-2 antibody ERT1 antibody Extracellular Signal Regulated Kinase 2 antibody Extracellular signal-regulated kinase 2 antibody MAP kinase 1 antibody MAP kinase 2 antibody MAP kinase 2 antibody MAP kinase 2 antibody MAPK2 antibody MItogen-activated protein kinase 1 antibody MAPK2 antibody MItogen-activated protein kinase 1 antibody PAPKA antibody PRKM1 antibody PRKM2 antibody PRKM1 antibody PAPKA antibody PRKM1 antibody PRKM1 antibody PRKM2 antibody PRKM1 antibody PRKM2 antibody PRKM1 antibody PRKM1 antibody protein kinase, mitogen-activated, 1 antibody protein kinase, mitogen-activated, 2 antibody protein tyrosine kinase ERK2 antibody Accession No. Swiss-Prot#.P28482 Uniprot P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF594: 591nm/64nm AF694: 591nm/66nm AF594: 591nm/66nm AF697: 651nm/66nm AF698: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Collulated MW 41 Collulated MW 41 Collulated MW 41	Species Reactivity	Hu, Ms, Rt
Other Names ERK 2 antibody ERK antibody ERK-2 antibody ERT-1 antibody Extracellular Signal Regulated Kinase 2 antibody Extracellular signal-regulated kinase 2 antibody MAP kinase 1 antibody MAP kinase 2 antibody MAP kinase 2 antibody MAP kinase 2 antibody MAPK 2 antibody MAPK 2 antibody MAPK 2 antibody MAPK 2 antibody Mitogen-activated protein kinase 2 antibody P4D	Immunogen Description	recombinant protein
antibody Extracellular signal-regulated kinase 2 antibody MAP kinase 1 antibody MAP kinase 2 antibody M kinase isoform p42 antibody MAPK 1 antibody MAPK 2 antibody MapK1 antibody MAPK2 antibody MItogen-activated protein kinase 1 antibody MItogen-activated protein kinase 2 antibody MK01_HUMAN antibody P38 antibody P40 antibody P41 antibody p42-MAPK antibody P42MAPK antibody PRKM1 antibody PRKM2 antibody protein kinase, mitogen-activated, 1 antibody protein kinase, mitogen-activated, 2 antibody protein kinase ERK2 antibody Accession No. Swiss-Prot#:P28482 Uniprot P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF680: 679nm/702nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide	Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
kinase isoform p42 antibody MAPK 1 antibody MAPK 2 antibody Mapk1 antibody MAPK2 antibody Mitogen-activated protein kinase 1 antibody Mitogen-activated protein kinase 2 antibody MK01_HUMAN antibody P38 antibody P40 antibody P41 antibody p42-MAPK antibody P42MAPK antibody PRKM1 antibod PRKM2 antibody protein kinase, mitogen-activated, 1 antibody protein kinase, mitogen-activated, 2 antibod protein tyrosine kinase ERK2 antibody Accession No. Swiss-Prot#:P28482 Uniprot P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide	Other Names	ERK 2 antibody ERK antibody ERK-2 antibody ERT1 antibody Extracellular Signal Regulated Kinase 2
Mitogen-activated protein kinase 1 antibody Mitogen-activated protein kinase 2 antibody MK01_HUMAN antibody P38 antibody P40 antibody P41 antibody p42-MAPK antibody P42MAPK antibody PRKM1 antibod protein kinase, mitogen-activated, 1 antibody protein kinase, mitogen-activated, 2 antibody Accession No. Swiss-Prot#:P28482 Uniprot P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Could Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		antibody Extracellular signal-regulated kinase 2 antibody MAP kinase 1 antibody MAP kinase 2 antibody MAF
antibody P38 antibody P40 antibody P41 antibody p42-MAPK antibody P42MAPK antibody PRKM1 antibody PRKM2 antibody protein kinase, mitogen-activated, 1 antibody protein kinase, mitogen-activated, 2 antibody protein tyrosine kinase ERK2 antibody Accession No. Swiss-Prot#:P28482 Uniprot P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		kinase isoform p42 antibody MAPK 1 antibody MAPK 2 antibody Mapk1 antibody MAPK2 antibody
PRKM2 antibody protein kinase, mitogen-activated, 1 antibody protein kinase, mitogen-activated, 2 antibod protein tyrosine kinase ERK2 antibody Accession No. Swiss-Prot#:P28482 Uniprot P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation O.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		Mitogen-activated protein kinase 1 antibody Mitogen-activated protein kinase 2 antibody MK01_HUMAN
protein tyrosine kinase ERK2 antibody Accession No. Swiss-Prot#:P28482 Uniprot P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		antibody P38 antibody P40 antibody P41 antibody p42-MAPK antibody P42MAPK antibody PRKM1 antibody
Accession No. Swiss-Prot#:P28482 Uniprot P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		PRKM2 antibody protein kinase, mitogen-activated, 1 antibody protein kinase, mitogen-activated, 2 antibody
Uniprot P28482 GeneID 5594; Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		protein tyrosine kinase ERK2 antibody
Secretarion	Accession No.	Swiss-Prot#:P28482
AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation O.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide	Uniprot	P28482
AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation O.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide	GeneID	5594;
AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation O.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide	Excitation Emission	AF350: 346nm/442nm
AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		AF405: 401nm/421nm
AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		AF488: 493nm/519nm
AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		AF555: 555nm/565nm
AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		AF594: 591nm/614nm
AF750: 749nm/775nm Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		AF647: 651nm/667nm
Calculated MW 41 Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		AF680: 679nm/702nm
Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		AF750: 749nm/775nm
Y	Calculated MW	41
Otana at 400 in dayle for 0 months	Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage Store at 4 C in dark for 6 months	Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
AF405 conjugated: most applications: 1: 50 - 1: 250
AF488 conjugated: most applications: 1: 50 - 1: 250
AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250
AF647 conjugated: most applications: 1: 50 - 1: 250
AF680 conjugated: most applications: 1: 50 - 1: 250
AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Mitogen-activated protein kinase (MAPK) signaling pathways involve two closely related MAP kinases, known as extracellular-signal-related kinase 1 (ERK 1, p44) and 2 (ERK 2, p42). Growth factors, steroid hormones, G protein-coupled receptor ligands, and neurotransmitters can initiate MAPK signaling pathways. Activation of ERK1 and ERK2 requires phosphorylation by upstream kinases such as MAP kinase kinase (MEK), MEK kinase and Raf-1. ERK1 and ERK2 phosphorylation can occur at specific tyrosine and threonine sites mapping within consensus motifs that include the Threonine-Glutamate-Tyrosine motif. ERK activation leads to dimerization with other ERKs and subsequent localization to the nucleus. Active ERK dimers phosphorylate serine and threonine residues on nuclear proteins and influence a host of responses that include proliferation, differentiation, transcription regulation and development. The human ERK2 gene maps to chromosome 22q11.21 and encodes a 360-amino acid protein.

Note: This product is for in vitro research use only