Smad3(Phospho-S423/S425) Conjugated Antibody

Catalog No: #C13370

Package Size: #C13370-AF350 100ul #C13370-AF405 100ul #C13370-AF488 100ul #C13370-AF555 100ul #C13370-AF594 100ul #C13370-AF647 100ul #C13370-AF680 100ul #C13370-AF750 100ul #C13370-Biotin 100ul

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

Description

Product Name	Smad3(Phospho-S423/S425) Conjugated Antibody
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	AW212142 antibody dual specificity mitogen activated protein kinase kinase 3 antibody Dual specificity mitogen-activated protein kinase kinase 3 antibody MAP kinase kinase 3 antibody map2k3 antibody MAPK ERK kinase 3 antibody MAPK/ERK kinase 3 antibody MAPKK 3 antibody MAPKK3 antibody MEK 3 antibody MEK3 antibody Mitogen activated protein kinase kinase 3 antibody MKK 3 antibody MKK3 antibody mMKK3b antibody MP2K3_HUMAN antibody PRKMK 3 antibody PRKMK3 antibody protein kinase, mitogen-activated, kinase 3 antibody SAPK kinase 2 antibody SAPKK 2 antibody SAPKK2 antibody Stress activated protein kinase kinase 2 antibody
Accession No.	Swiss-Prot#:P46734
Uniprot	P46734
GeneID	5606;
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	39
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

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

A family of protein kinases located upstream of the MAP kinases and responsible for their activation has been identified. The prototype member of this family, designated MAP kinase kinase, or MEK-1, specifically phosphorylates the MAP kinase regulatory threonine and tyrosine residues present in the Thr-Glu-Tyr motif of ERK. A second MEK family member, MEK-2, resembles MEK-1 in its substrate specificity. MEK-3 (or MKK-3) functions to activate p38 MAP kinase, and MEK-4 (also called SEK1 or MKK-4) activates both p38 and JNK MAP kinases. MEK-5 appears to specifically phosphorylate ERK5, whereas MEK-6 phosphorylates p38 and p38b. MEK-7 (or MKK-7) phosphorylates and activates the JNK signal transduction pathway.

Note: This product is for in vitro research use only