IRF3(Phospho-S386) Conjugated Antibody

Catalog No: #C13359

Package Size: #C13359-AF350 100ul #C13359-AF405 100ul #C13359-AF488 100ul #C13359-AF555 100ul #C13359-AF594 100ul #C13359-AF647 100ul #C13359-AF680 100ul #C13359-AF750 100ul #C13359-Biotin 100ul

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

Description

Product Name	IRF3(Phospho-S386) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ALPS2B antibody Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 12 protein antibody Apoptotic cysteine protease antibody Apoptotic protease Mch-5 antibody Apoptotic protease Mch5 antibody CAP4 antibody CASP-8 antibody CASP8 antibody CASP8_HUMAN antibody Caspase 8 antibody Caspase 8 apoptosis related cysteine peptidase antibody Caspase-8 subunit p10 antibody CED 3 antibody FADD Like ICE antibody FADD-homologous ICE/CED-3-like protease antibody FADD-like ICE antibody FLICE antibody FLJ17672 antibody ICE-like apoptotic protease 5 antibody MACH alpha 1/2/3 protein antibody MACH antibody MACH beta 1/2/3/4 protein antibody MCH5 antibody MGC78473 antibody MORT1 associated ced 3 homolog antibody MORT1-associated CED-3 homolog antibody OTTHUMP00000163717 antibody OTTHUMP00000163720 antibody OTTHUMP00000163724 antibody OTTHUMP00000163725 antibody OTTHUMP00000165062 antibody OTTHUMP00000165063 antibody OTTHUMP00000165064 antibody OTTHUMP00000206552 antibody OTTHUMP00000206582 antibody
Accession No.	Swiss-Prot#:Q14790
Uniprot	Q14790
GeneID	841;
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	55
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

Initiator caspases, which include caspase-8, activate effector caspases by cleaving inactive forms of effector caspases. In the activation cascade responsible for apoptosis induced by TNFRSF1A and mediated by TNFRSF6/FAS, caspase-8 is the most upstream protease. Caspase-8 binds to adaptor molecule FADD, forming an aggregate referred to as death-inducing signaling complex (DISC), which activates caspase-8. The actived protein is released from the complex and further activates downstream apoptotic proteases. Caspase-8, which is a heterodimer consisting of two subunits (p18 and p10), is widely expressed, but is detected at highest levels in peripheral blood leukocytes (PBLs), thymus, liver and spleen. Defects in CASP8, the gene encoding for caspase-8, may cause CASP8D (caspase-8 deficiency disorder), which is characterized by splenomegaly and CD95-induced apoptosis of PBLs, may lead to immunodeficiency due to defects in T lymphocyte, NK cell and B lymphocyte activation.

Note: This product is for in vitro research use only