VIMP Conjugated Antibody

Catalog No: #C37045

Package Size: #C37045-AF350 100ul #C37045-AF405 100ul #C37045-AF488 100ul #C37045-AF555 100ul #C37045-AF594 100ul #C37045-AF647 100ul #C37045-AF680 100ul #C37045-AF750 100ul #C37045-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	VIMP Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Human,Rat,Mouse
Specificity	The antibody detects endogenous levels of total VIMP protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human VCP-interacting membrane protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SELS; ADO15; SBBI8; SEPS1; AD-015
Accession No.	Swiss-Prot#:Q9BQE4 NCBI Gene ID:55829NCBI Protein#:NP_060915
Uniprot	Q9BQE4
GeneID	55829;
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
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

This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. Studies suggest that this protein may regulate cytokine production, and thus play a key role in the control of the inflammatory response. Two alternatively spliced transcript variants encoding the same protein have been found for this gene.

Note: This product is for in vitro research use only