IMMT Conjugated Antibody

Catalog No: #C38458

Package Size: #C38458-AF350 100ul #C38458-AF405 100ul #C38458-AF488 100ul #C38458-AF555 100ul #C38458-AF594 100ul #C38458-AF647 100ul #C38458-AF680 100ul #C38458-AF750 100ul #C38458-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	IMMT Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total IMMT antibody.
Immunogen Description	Recombinant protein of human IMMT.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HMP; P87; P89; PIG4; PIG52; MINOS2; P87/89;
Accession No.	Swiss-Prot#:Q16891NCBI Gene ID:10989
Uniprot	Q16891
GeneID	10989;
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	84
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

Mitochondrial inner membrane protein is a protein that in humans is encoded by the IMMT gene.IMMT has been shown to interact with BAT2.The mitochondrial inner membrane (IM) serves as the site for ATP production by hosting the oxidative phosphorylation complex machinery most notably on the crista membranes. Disruption of the crista structure has been implicated in a variety of cardiovascular and neurodegenerative diseases.

Note: This product is for in vitro research use only