TRPM1 Conjugated Antibody

Catalog No: #C36874

Package Size: #C36874-AF350 100ul #C36874-AF405 100ul #C36874-AF488 100ul #C36874-AF555 100ul #C36874-AF594 100ul #C36874-AF647 100ul #C36874-AF680 100ul #C36874-AF750 100ul #C36874-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	TRPM1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total TRPM1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human transient receptor potential cation channel, subfamily M, member 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MLSN1; CSNB1C; LTRPC1
Accession No.	Swiss-Prot#:Q7Z4N2 NCBI Gene ID:4308NCBI Protein#:NP_002411/Q7Z4N2
Uniprot	Q7Z4N2
GeneID	4308;
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 member of the transient receptor potential melastatin subfamily of transient receptor potential ion channels. The encoded protein is a calcium permeable cation channel that is expressed in melanocytes and may play a role in melanin synthesis. Specific mutations in this gene are the cause autosomal recessive complete congenital stationary night blindness-1C. The expression of this protein is inversely correlated with melanoma aggressiveness and as such it is used as a prognostic marker for melanoma metastasis.

Note: This product is for in vitro research use only