

MER/SKY (Phospho-Tyr749/681) Conjugated Antibody

Catalog No: #C11740

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Package Size: #C11740-AF350 100ul #C11740-AF405 100ul #C11740-AF488 100ul

#C11740-AF555 100ul #C11740-AF594 100ul #C11740-AF647 100ul

#C11740-AF680 100ul #C11740-AF750 100ul #C11740-Biotin 100ul

Description

Product Name	MER/SKY (Phospho-Tyr749/681) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of MER/SKY only when phosphorylated at tyrosine 749/681.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 749/681(K-I-Y(p)-S-G) derived from Human MER/SKY .
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	C-mer;MERK; MERTK
Accession No.	Swiss-Prot#:Q12866/Q06418NCBI Gene ID:10461/7301NCBI mRNA#:NM_006343.2. NCBI Protein#:NP_006334.2.
Uniprot	Q12866
GeneID	10461;
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	97
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

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Background

This gene is a member of the MER/AXL/TYRO3 receptor kinase family and encodes a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. Mutations in this gene have been associated with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP).

Note: This product is for in vitro research use only