

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

Catalog No: #C11740

Orders: order@signalwayantibody.com

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 #C11740-Conjugated 50ul

Description

Product Name	MER/SKY (Phospho-Tyr749/681) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB, IF
Species Reactivity	Human, Mouse, Rat, Chicken, Zebrafish
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/Q06418 NCBI Gene ID: 10461/7301 NCBI mRNA#: NM_006343.2. NCBI Protein#: NP_006334.2.
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

WB: 1:50-1:200

IF: 1:50-1:200

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 and is not intended for use in humans or animals.