

Rabbit anti-Human, Mouse MER/SKY Polyclonal Antibody | anti-MER/SKY antibody

MER/SKY (Phospho-Tyr749/681) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303839	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

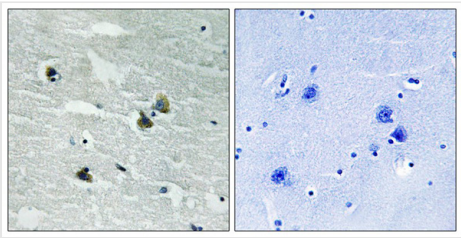
PRODUCT SYNONYMS

MER/SKY; Polyclonal Antibody; MER/SKY (Phospho-Tyr749/681) Antibody; C-mer; MERK; MERTK; anti-MER/SKY antibody

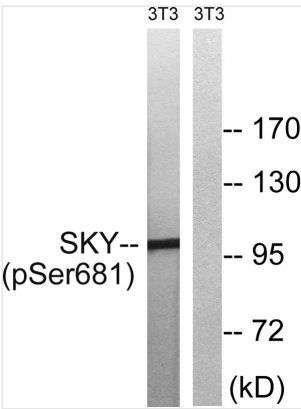
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of MER/SKY only when phosphorylated at tyrosine 749/681.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	999
Applicable Applications for anti-MER/SKY antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 749/681(K-I-Y(p)-S-G) derived from Human MER/SKY.
Modification	Phospho-Tyr749/681
Target Name	MER/SKY
Purification	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.
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using MER/SKY (Phospho-Tyr749/681) antibody (left) or the same antibody preincubated with blocking peptide (right).



WB (Western Blot)
Western blot analysis of extracts from 3T3 cells treated with EGF using MER/SKY (Phospho-Tyr749/681) Antibody. The lane on the right is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MER/SKY antibody	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). Graham D.K., Cell Growth Differ. 5:647-657(1994).Gal A., Nat. Genet. 26:270-271(2000).Hillier L.W., Nature 434:724-731(2005).
Product Categories/Family for anti-MER/SKY antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	66932918
NCBI GeneID	10461
NCBI Accession #	NP_006334.2
NCBI GenBank Nucleotide #	NM_006343.2
UniProt Accession #	Q12866; Q9HBB4
Molecular Weight	97kd
NCBI Official Full Name	tyrosine-protein kinase Mer
NCBI Official Synonym Full Names	MER proto-oncogene, tyrosine kinase
NCBI Official Symbol	MERTK
NCBI Official Synonym Symbols	MER; RP38; c-Eyk; c-mer; Tyro12
NCBI Protein Information	tyrosine-protein kinase Mer
UniProt Protein Name	Tyrosine-protein kinase Mer
UniProt Gene Name	MERTK
UniProt Synonym Gene Names	MER
UniProt Entry Name	MERTK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

