

Mouse anti-Human EphA8 Monoclonal Antibody | anti-EphA8 antibody

EphA8 Antibody

CATALOG # AAA322672	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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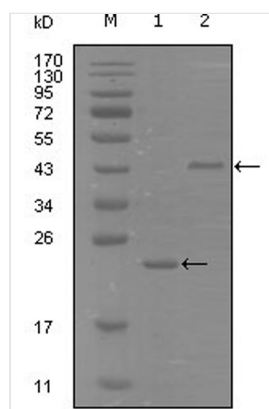
PRODUCT SYNONYMS

EphA8; Monoclonal Antibody; EphA8 Antibody; anti-EphA8 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	EphA8 antibody detects endogenous levels of total EphA8
Purity/Purification	Affinity-Chromatography
Form/Format	Mouse IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	495
Applicable Applications for anti-EphA8 antibody	ELISA, WB (Western Blot)
Immunogen	Purified recombinant fragment of human EphA8 expressed in E. Coli
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Figure 1: Western blot analysis using EphA8 mouse mAb against truncated Trx-EphA8 recombinant protein (1) and truncated MBP-EphA8(aa70-150) recombinant protein (2).

ADDITIONAL INFORMATION

Related Product Information for anti-EphA8 antibody	Description: This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. The protein encoded by this gene functions as a receptor for ephrin A2, A3 and A5 and plays a role in short-range contact-mediated axonal guidance during development of the mammalian nervous system. Similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55770892
NCBI GeneID	2046
NCBI Accession #	NP_001006944.1
NCBI GenBank Nucleotide #	NM_001006943.2
UniProt Accession #	P29322; Q6IN80; Q8IUX6; Q9NUA9; Q9P269
Molecular Weight	111 kDa
NCBI Official Full Name	ephrin type-A receptor 8 isoform 2
NCBI Official Synonym Full Names	EPH receptor A8
NCBI Official Symbol	EPHA8
NCBI Official Synonym Symbols	EEK; EK3; HEK3
NCBI Protein Information	ephrin type-A receptor 8
UniProt Protein Name	Ephrin type-A receptor 8
UniProt Gene Name	EPHA8
UniProt Synonym Gene Names	EEK; HEK3; KIAA1459; EK3; hEK3

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.