

Mouse EphB3 Monoclonal Antibody | anti-EphB3 antibody

EphB3 antibody

CATALOG # AAA106208	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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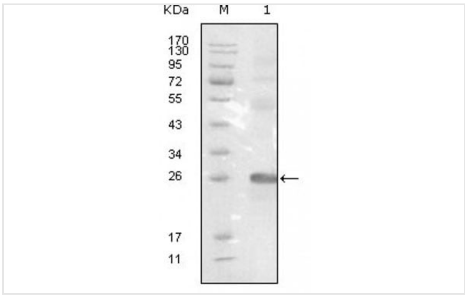
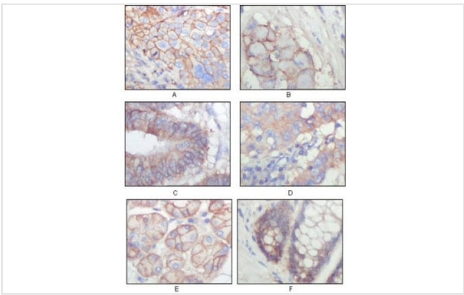
PRODUCT SYNONYMS

EphB3; Monoclonal Antibody; EphB3 antibody; Monoclonal EphB3; Anti-EphB3; EphB 3; EPH receptor B3; Ephrin receptor B3; EphB-3; anti-EphB3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4A122D1
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	998
Applicable Applications for anti-EphB3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Biological Significance	Ephrin receptors and their ligands, the Ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, Ephrins are divided into the Ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the Ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of 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. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family.
Cross-Reactivity	Human
Immunogen	EphB3 antibody was raised in Mouse using a purified recombinant fragment of EphB3(aa39-212) expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human lung squamous cell carcinoma (A), lung adenocarcinoma (B), colon carcinoma (C), breast carcinoma (D), normal sublingual gland (E), normal rectal (F), showing membrane localization with DAB staining using EphB3 antibody.

WB (Western Blot)
Western Blot showing EphB3 antibody used against truncated EphB3-His recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-EphB3 antibody	Mouse monoclonal EphB3 antibody
Product Categories/Family for anti-EphB3 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	17975768
NCBI GeneID	2049
NCBI Accession #	NP_004434.2
NCBI GenBank Nucleotide #	NM_004443.3
UniProt Accession #	P54753; Q7Z740
Molecular Weight	110,330 Da
NCBI Official Full Name	ephrin type-B receptor 3
NCBI Official Synonym Full Names	EPH receptor B3
NCBI Official Symbol	EPHB3
NCBI Official Synonym Symbols	ETK2; HEK2; TYRO6
NCBI Protein Information	ephrin type-B receptor 3
UniProt Protein Name	Ephrin type-B receptor 3
UniProt Gene Name	EPHB3
UniProt Synonym Gene Names	ETK2; HEK2; TYRO6; EPH-like kinase 2; EK2; hEK2
UniProt Entry Name	EPHB3_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.