

Mouse anti-Human EphB3 Antibody | anti-EphB3 antibody

EphB3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108492	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

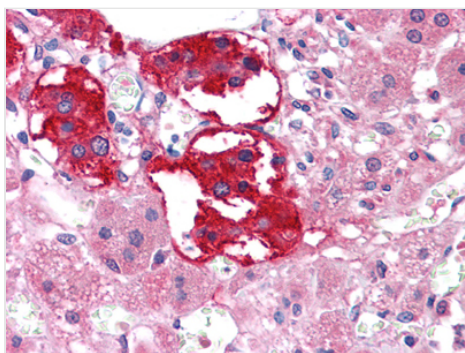
PRODUCT SYNONYMS

EphB3; EphB3 Antibody; ETK2; HEK2; TYRO6; anti-EphB3 antibody

PRODUCT SPECIFICATIONS

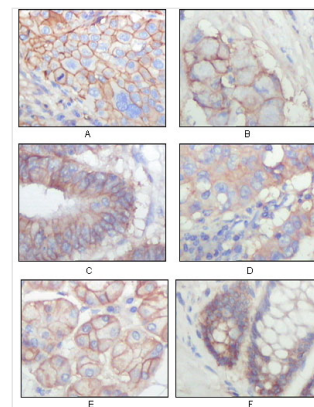
Host	Mouse
Reactivity	Human
Isotype	IgG2a
Clone Number	4A122D1
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	998
Applicable Applications for anti-EphB3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of EphB3 (aa39-212) expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



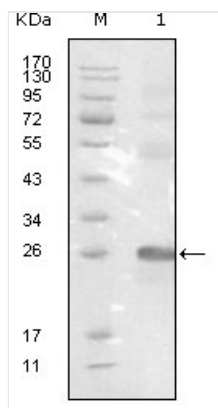
IHC (Immunohistochemistry)

Figure 3: Immunohistochemical analysis of paraffin-embedded human Adrenal tissues using EPHB3 mouse mAb



IHC (Immunohistochemistry)

Figure 2: 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 mouse mAb.



WB (Western Blot)

Figure 1: Western blot analysis using EphB3 mouse mAb against truncated EphB3-His recombinant

ADDITIONAL INFORMATION

Related Product Information for anti-EphB3 antibody	EphB3: EPH receptor B3. 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. The protein encoded by this gene is a receptor for ephrin-B family members.
Product Categories/Family for anti-EphB3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

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	EK2; 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

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.