

Mouse anti-Human EphB3 Monoclonal Antibody | anti-EphB3 antibody

EphB3 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320053	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

EphB3; Monoclonal Antibody; EphB3 Monoclonal Antibody; Ephrin type-B receptor 3; EPHB3; ETK2; HEK2; TYRO6; EPH-like tyrosine kinase 2; EPH-like kinase 2; Embryonic kinase 2; EK2; hEK2; Tyrosine-protein kinase TYRO6; anti-EphB3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	EphB3 Monoclonal Antibody detects endogenous levels of EphB3 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-EphB3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of EphB3 (aa39-212) expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry 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



WB (Western Blot)

Western Blot analysis using EphB3 Monoclonal Antibody against truncated EphB3-His recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-EphB3 antibody	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 two 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. This gene encodes a receptor for ephrin-B family members. [provided by RefSeq, Mar 2010]
Product Categories/Family for anti-EphB3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	76803655
NCBI GeneID	2049
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; EK2; EPH-like kinase 2; embryonic kinase 2; human embryo kinase 2; EPH-like tyrosine kinase 2; EPH-like tyrosine kinase-2; tyrosine-protein kinase TYRO6
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ephb3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/320053>