

Mouse anti-Human EphB1 Monoclonal Antibody | anti-EphB1 antibody

EphB1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320051	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

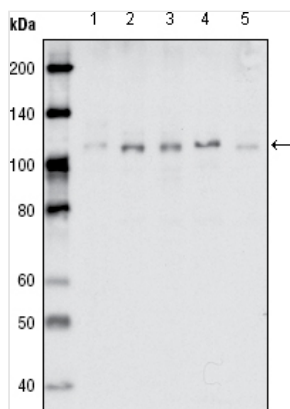
PRODUCT SYNONYMS

EphB1; Monoclonal Antibody; EphB1 Monoclonal Antibody; Ephrin type-B receptor 1; EPHB1; ELK; EPHT2; HEK6; NET; EPH tyrosine kinase 2; EPH-like kinase 6; EK6; hEK6; Neuronally-expressed EPH-related tyrosine kinase; Tyrosine-protein kinase receptor EPH-2; anti-EphB1 antibody

PRODUCT SPECIFICATIONS

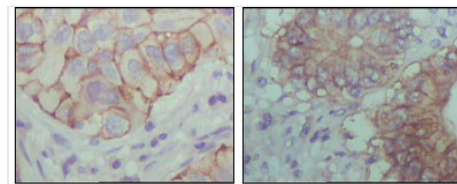
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	EphB1 Monoclonal Antibody detects endogenous levels of EphB1 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-EphB1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of EphB1 (aa19-133) expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western Blot analysis using EphB1 Monoclonal Antibody against MDA-MB-468 (1), MDA-MB-453 (2), MCF-7 (3), T47D (4) and SKBR-3 (5) cell lysate.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung cancer (left) and colon cancer (right) showing cytoplasmic localization with DAB staining using EphB1 Monoclonal Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EphB1 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 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. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-EphB1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758284
NCBI GeneID	2047
NCBI Accession #	NP_004432.1
NCBI GenBank Nucleotide #	NM_004441.4
UniProt Accession #	P54762; O43569; O95142; O95143; Q0VG87; A8K593
Molecular Weight	109,885 Da
NCBI Official Full Name	ephrin type-B receptor 1
NCBI Official Synonym Full Names	EPH receptor B1
NCBI Official Symbol	EPHB1
NCBI Official Synonym Symbols	ELK; NET; Hek6; EPHT2
NCBI Protein Information	ephrin type-B receptor 1; EK6; EPH-like kinase 6; eph tyrosine kinase 2; soluble EPHB1 variant 1; tyrosine-protein kinase receptor EPH-2; neuronally-expressed EPH-related tyrosine kinase
UniProt Protein Name	Ephrin type-B receptor 1
UniProt Gene Name	EPHB1
UniProt Synonym Gene Names	ELK; EPHT2; HEK6; NET; EK6; hEK6; NET
UniProt Entry Name	EPHB1_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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/ephb1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/320051>