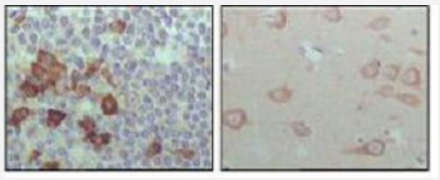
EPHB6 monoclonal antibody, clone 2A6B9

Catalog # MAB17683 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human lymph node (left) and brain (right) with EPHB6 monoclonal antibody.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human EPHB6.
Immunogen	Recombinant protein corresponding to amino acids 601-750 of human EPHB6 from *E. coli*.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry (1:200-1:1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — EPHB6

Entrez GeneID	2051
Gene Name	EPHB6
Gene Alias	HEP, MGC129910, MGC129911
Gene Description	EPH receptor B6
Omim ID	602757
Gene Ontology	Hyperlink
Gene Summary	Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, par ticularly 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 glycosylphosp hatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The E ph family of receptors are divided into 2 groups based on the similarity of their extracellular domai n 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 ephrin receptor encode d by this gene lacks the kinase activity of most receptor tyrosine kinases and binds to ephrin-B lig ands. [provided by RefSeq
Other Designations	ephrin receptor EphB6

Pathway

- Axon guidance