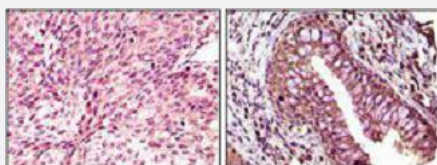


EPHB6 monoclonal antibody, clone 8E7H12

Catalog # MAB17676 Size 100 uL

Applications



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

Immunohistochemical staining of paraffin-embedded human bladder carcinoma (left) and normal bladder tissue(right) with EPHB6 monoclonal antibody.

Specification

Product Description Mouse monoclonal antibody raised against recombinant human EPHB6.

Immunogen Recombinant protein corresponding to 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 PBS (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 should be handled by trained staff only.

Applications

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

Immunohistochemical staining of paraffin-embedded human bladder carcinoma (left) and rectum carcinoma tissue(right) with EPHB6 monoclonal antibody.

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, 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 ephrin receptor encoded by this gene lacks the kinase activity of most receptor tyrosine kinases and binds to ephrin-B ligands. [provided by RefSeq]

Other Designations ephrin receptor EphB6

Pathway

- [Axon guidance](#)