EhpB6 Mouse Monoclonal Antibody

E10-20183

Background: EhpB6. EPH receptor B6. 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.

Catalog Number: E10-20183

Amount: 100µg/100µl

Clone Number: 2A6B9

Species: Mouse IgG1

Aliases: HEP; EPHB6

Entrez Gene: 2051

Immunogen: Synthetic peptide corresponding to aa (EEEDVPGQAKDELC) of human Calreticulin, conjugated to KLH.

Storage: Store at 4 °C, short term storage. Store at -20 °C, long term storage.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IHC, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB.1/500 - 1/2000.IHC.1/200 - 1/1000. ELISA. Propose dilution 1/10000.

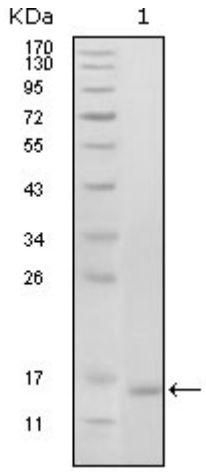

Figure 1. Western blot analysis using EhpB6 mouse mAb against truncated EhpB6 recombinant protein (1).

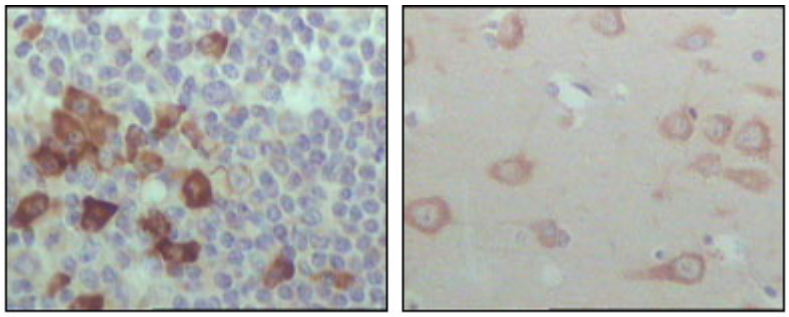

Figure 2. Immunohistochemical analysis of paraffin-embedded human lymph node (left) and brain (right), showing cytoplasmic localization with DAB staining using EhpB6 mouse mAb.

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