



EphB4 Mouse Monoclonal Antibody

E10-20221

Background: EphB4. EPH receptor B4. 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 binds to ephrin-B2 and plays an essential role in vascular development.

Catalog Number: E10-20221

Amount: 100µg/100µl

Clone Number: 7H4A6

Species: Mouse IgG1

MW: 108kDa

Aliases: HTK; MYK1; TYRO11

Entrez Gene: 2050

Immunogen: Purified recombinant fragment of EphB4 (aa562-612) expressed in E. Coli.

Storage: Store at 4 °C. ~~10 µg/20 µg~~ 10 µg/20 µg term storage, sto

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

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

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

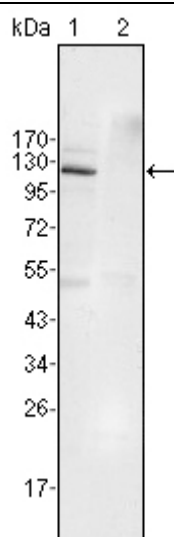


Figure 1. Western blot analysis using EphB4 mouse mAb against Jurkat (1) and HEK293 (2) cell lysate.

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