

Mouse Monoclonal Antibody to EhpB1

Catalogue Number	sAP-0154
Target Molecule	<p>Name: EhpB1</p> <p>Aliases: ELK; NET; Hek6; EPHT2; EPHB1</p> <p>MW: 110kDa</p> <p>Entrez Gene ID: 2047</p>
Description	EhpB1: EPH receptor B1. It is a receptor for ephrin-B family members. 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.
Immunogen	Purified recombinant fragment of EphB1 (aa19-133) expressed in E. Coli. ;
Reactive Species	Human
Clone	MM5F10A4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Cell Sci. 2002 Aug 1;115(Pt 15):3073-81. ; 2. Proc Natl Acad Sci U S A. 2002 Jul 9;99(14):9219-24. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**