

## Mouse Monoclonal Antibody to EphB6

<b>Catalogue Number</b>	sAP-0153
<b>Target Molecule</b>	<b>Name:</b> EphB6 <b>Aliases:</b> HEP; EPHB6 <b>MW:</b> N/A <b>Entrez Gene ID: 2051</b>
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of EphB6 (aa601-750) expressed in E. Coli. ;
<b>Recitative Species</b>	Human
<b>Clone</b>	MM2A6B9;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J Clin Invest. 2002 Oct;110(8):1141-50. ; 2. J Biol Chem. 2002 Feb 8;277(6):3823-8. Epub 2001 Nov 16. ; 3. J Biol Chem. 2003 Mar 21;278(12):10150-6. Epub 2003 Jan 6. ; 4. Biochem Biophys Res Commun. 2006 Feb 3;340(1):268-76.

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**