

Mouse Monoclonal Antibody to EphB6

Catalogue Number	sAP-0051
Target Molecule	<p>Name: EphB6</p> <p>Aliases: HEP; MGC129910; MGC129911</p> <p>MW: N/A</p> <p>Entrez Gene ID: 2051</p>
Description	<p>EPH receptor B6 (EphB6), with 1006-amino acid protein (~ 110 kDa), belongs to the ephrin receptor sub-family of the protein-tyrosine kinase family. Eph receptors and ephrin ligands are membrane-bound cell-cell communication molecules with well-defined functions in development. EphB6 is expressed both in a variety of embryonic and adult tissues. EphB6 is a unique member in the Eph family of receptor tyrosine kinases in that its kinase domain contains several alterations in conserved amino acids and is catalytically inactive. EphB6 can both positively and negatively regulate cell adhesion and migration and tyrosine phosphorylation of the receptor by an Src family kinase acts as the molecular switch for the functional transition.</p>
Immunogen	Purified recombinant fragment of EphB6 expressed in E. Coli.
Reactive Species	Human
Clone	MM8E7H12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS 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	<p>1. Kazushige Ogawa, Hiroki Wada, Noriyoshi Okada J Cell Sci. 2006 Feb 1;119(Pt 3):559-70. ; 2. Hiroshi Matsuoka, Hiroya Obama, Meghan L. Kelly J Biol Chem. 2005 Aug 12;280(32):29355-63. ; ;</p>

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**