

Mouse Monoclonal Antibody to EPHB4

Catalogue Number	sAP-0275
Target Molecule	<p>Name: EPHB4</p> <p>Aliases: HTK; MYK1; TYRO11</p> <p>MW: 108kDa</p> <p>Entrez Gene ID: 2050</p>
Description	<p>EphB4: EPH receptor B4, also known as Htk, Myk1, Tyro11. Entrez Protein: NP_004435. It is a member of the Eph receptor family, which bind the ephrin ligand family. 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. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The EphB4 protein binds to ephrin-B2 and plays an essential role in vascular development.</p>
Immunogen	Purified recombinant extracellular fragment of human EPHB4 fused with hlgGfc tag expressed in HEK293 cell line. ;
Recitative Species	Human
Clone	MM5B5;
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 H2O, 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; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Br J Cancer. 2007 Apr 10;96(7):1083-91. ; 2. Dig Liver Dis. 2007 Aug;39(8):725-32.

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**