ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Mouse Monoclonal Antibody to EphB3

Cataloge Number	sAP-0163
Target Molecule	**Name: EphB3** **Aliases:** ETK2; HEK2; TYRO6 **MW: N/A** **Entrez Gene ID: 2049**
Descrption	EphB3: EPH receptor B3. 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 is a receptor for ephrin-B family members.
Immunogen	Purified recombinant fragment of EphB3 (aa39-212) expressed in E. Coli. ;
Recitative Species	Human
Clone	MM4A122D1;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstitued 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; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Oncogene. 1998 Jan 29;16(4):471-80. ; 2. Pharmacol Ther. 1998 Mar;77(3):151-81. ; 3. Proc Natl Acad Sci U S A. 1998 Aug 18;95(17):9779-84. ; 4. J Biol Chem. 2002 Jun 21;277(25):23037-43.

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

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