ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Mouse Monoclonal Antibody to EphB4

Cataloge Number	sAP-0056
Target Molecule	**Name: EphB4** **Aliases:** HTK; MYK1; TYRO11 **MW: N/A** **Entrez Gene ID: 2050**
Descrption	EPH receptor B4 (EphB4), with 987-amino acid protein (about 108kDa), belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. The Eph receptor tyrosine kinases and their ligands, the ephrins, regulate numerous biological processes in developing and adult tissues and have been implicated in cancer progression and in pathological forms of angiogenesis. EphB4 acts as a negative regulator of blood vessel branching and vascular network formation, switching the vascularization program from sprouting angiogenesis to circumferential vessel growth. EphB4 and its ligand ephrinB2 express in several kinds of tumor cells and correlate with tumorigenesis. EphB4 is thus a potential candidate as a predictor of disease outcome in several kinds of tumor and as target for novel therapy.
Immunogen	Purified recombinant fragment of EphB4 expressed in E. Coli.
Recitative Species	Human
Clone	MM5B8F7;
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. J. Chrencik, A. Brooun, M. Recht. Structure. 2006 Feb;14(2):321-30. ; 2. Qinghua WU, Zhenhe SUO,Bjon RISBERG. Pathol Oncol Res. 2004;10(1):26-33. ;

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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