ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Mouse Monoclonal Antibody to EphA2

Cataloge Number	sAP-0054
Target Molecule	**Name: EphA2** **Aliases:** ECK; EPHA2 **MW: N/A** **Entrez Gene ID: 1969**
Descrption	EPH receptor A2 (EphA2), with 976-amino acid protein (about 107 kDa), belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EphA1, EphA2, EphA3, EphA4, EphA5, EphA6, EphA7, EphA8, EphA10, EphB1, EphB2, EphB3, EphB4 and EphB6 are Eph family receptors for Ephrin family ligands. In normal cells, EphA2 negatively regulates cell growth and invasiveness. EphA2 is overexpressed by many human cancers, and is often associated with poor prognostic features. The clinical significance of the expression of EphA2 was observed in breast, prostate, colon, skin, cervical, ovarian, and lung cancers.EphA2 may serve as a novel target for bladder cancer, colonic adenocarcinoma and ovarian cancer therapy.
Immunogen	Purified recombinant fragment of EphA2 expressed in E. Coli.
Recitative Species	Human
Clone	MM1B3C7;
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. Shaji Abraham, Deborah W. Knapp, Liang Cheng. Clin Cancer Res. 2006 Jan 15;12(2):353-60. ; 2. Charles N Landen, Michael S Kinch, Anil K Sood. Expert Opin Ther Targets. 2005 Dec;9(6):1179-87. ;

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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