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EphA2 Ab

Images(2)

Cat.#: BF0613 Size:	Concn.: ~1mg/ml Source: Mouse	Mol.Wt.: 120kDa Clonality: Monoclonal
Application: Reactivity:	ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000 *The optimal dilutions should be determined by the end user. Human	
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	Affinity-chromatography.	
Immunogen:	Purified recombinant fragment of human EphA2 expressed in E. Coli.	
Uniprot:	P29317/P29320/P54764	
Description:	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.	



Figure 1: Western blot analysis using EphA2 mouse mAb against NIH/3T3 cell lysate.





Immunohistochemical analysis of paraffin-embedded human skin carcinoma (left) and pancreas carcinoma (right) tissue, showing cytoplasmic localization using EphA2 mouse mAb with DAB staining.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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