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EphB2 Ab

Images(1)

Cat.#: BF0703 Size:	Concn.: ~1mg/ml Source: Mouse	Mol.Wt.: 110kDa Clonality: Monoclonal
Application: Reactivity:	ELISA 1:10000, WB 1:500-1:2000, IF/ICC 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 huma	an EphB2 expressed in E. Coli.
Uniprot:	P29323	
Description:	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.	

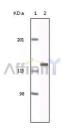


Figure 1: Western blot analysis using EphB2 mouse mAb against truncated EphB2 recombinant protein (1) and extracellular EphB2(aa19-476)-hIgGFc transfected CHO-K1 cell lysate(2).

<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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