

Product Datasheet

Eph receptor B1 (9B4) Mouse mAb

Catalog No: AB3430

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB,IHC



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Information

UniProt ID: P54762

All Names: ELK; NET; Hek6; EPHT2; EPHB1

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 110kDa

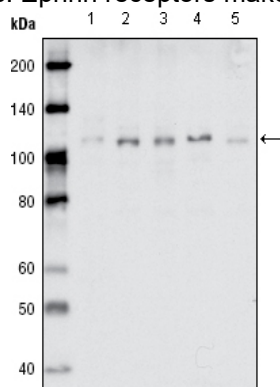
Application

WB: 1/500-1/1000

IHC: 1/50-1/100

Background

Swiss-Prot Acc.P54762.EhpB1: EPH receptor B1. It is a receptor for ephrin-B family members. 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.



Western blot analysis using EhpB1 mouse mAb against MDA-MB-468 (1), MDA-MB-453 (2), MCF-7 (3), T47D (4) and SKBR-3 (5) cell lysate.

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