

Datasheet for ABIN7091064
anti-EPH Receptor B4 antibody



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Overview

Quantity:	100 µL
Target:	EPH Receptor B4 (EPHB4)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPH Receptor B4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant human EPHB4.
Clone:	B12M1
Predicted Reactivity:	Human

Target Details

Target:	EPH Receptor B4 (EPHB4)
Alternative Name:	EPHB4 (EPHB4 Products)
Background:	Synonyms: Eph receptor B4, EPHB4_HUMAN, Ephrin type-B receptor 4, Hepatoma Transmembrane Kinase, HTK, MYK1, TYRO11, Tyrosine-protein kinase receptor HTK, Tyrosine-protein kinase TYRO11. Background: Receptor tyrosine kinase which binds promiscuously transmembrane ephrin-B family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling

Target Details

into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. Together with its cognate ligand/functional ligand EFNB2 plays a central role in heart morphogenesis and angiogenesis through regulation of cell adhesion and cell migration. EPHB4-mediated forward signaling controls cellular repulsion and segregation from EFNB2-expressing cells. Plays also a role in postnatal blood vessel remodeling, morphogenesis and permeability and is thus important in the context of tumor angiogenesis.

Gene ID: 2050

UniProt: [P54760](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months