

Datasheet for ABIN387814

anti-EPH Receptor B4 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	400 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:	EPHB4 recombinant protein is used to produce this monoclonal antibody.
Clone:	67CT23-5-8
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	EPH Receptor B4 (EPHB4)
Alternative Name:	EPHB4 (EPHB4 Products)
Background:	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

Target Details

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 binds to ephrin-B2 and plays an essential role in vascular development.

Molecular Weight: 108270

Gene ID: 2050

NCBI Accession: [NP_004435](#)

UniProt: [P54760](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: WB: 1:200~2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

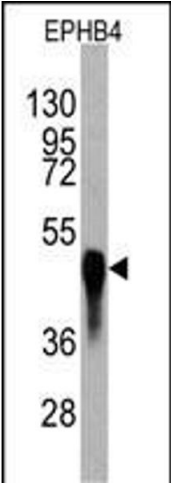
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of anti-EPHB4 Monoclonal Antibody (ABIN387814 and ABIN2843904) by EPHB4 recombinant protein(Fragment). EPHB4 protein (arrow) was detected using the purified Mab.