

Datasheet for ABIN7384173  
**anti-EPH Receptor B4 antibody**



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## Overview

|              |                                                |
|--------------|------------------------------------------------|
| Quantity:    | 60 µL                                          |
| Target:      | EPH Receptor B4 (EPHB4)                        |
| Reactivity:  | Human, Mouse                                   |
| Host:        | Rabbit                                         |
| Clonality:   | Polyclonal                                     |
| Conjugate:   | This EPH Receptor B4 antibody is un-conjugated |
| Application: | Western Blotting (WB)                          |

## Product Details

|               |                                                          |
|---------------|----------------------------------------------------------|
| Immunogen:    | Recombinant fusion protein of human EPHB4 (NP_004435.3). |
| Isotype:      | IgG                                                      |
| Purification: | Affinity purification                                    |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | EPH Receptor B4 (EPHB4)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Alternative Name: | EPHB4 ( <a href="#">EPHB4 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Background:       | EPHB4,HFASD,HTK,MYK1,TYRO11,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 |

## Target Details

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: Observed\_MW: 108 kDa  
Calculated\_MW: 108 kDa

Gene ID: 2050

UniProt: [P54760](#)

Pathways: [RTK Signaling](#)

## Application Details

Application Notes: WB 1:200-1:2000

Restrictions: For Research Use only

## Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.