

**Ephrin Receptor B4 Rabbit mAb**  
**Catalog # AP76484****Specification**

---

**Ephrin Receptor B4 Rabbit mAb - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">P54760</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	108270

**Ephrin Receptor B4 Rabbit mAb - Additional Information****Gene ID** 2050**Other Names**  
EPHB4**Dilution**  
WB~~1/500-1/1000  
IHC-P~~N/A**Format**  
Liquid**Ephrin Receptor B4 Rabbit mAb - Protein Information****Name** EPHB4**Synonyms** HTK, MYK1, TYRO11**Function**

Receptor tyrosine kinase which binds promiscuously transmembrane ephrin-B family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling 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 it is involved in the regulation of cell adhesion and migration, and plays a central role in heart morphogenesis, angiogenesis and blood vessel remodeling and permeability. EPHB4-mediated forward signaling controls cellular repulsion and segregation from EFNB2-expressing cells.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Tissue Location**

Abundantly expressed in placenta but also detected in kidney, liver, lung, pancreas, skeletal muscle and heart. Expressed in primitive and myeloid, but not lymphoid, hematopoietic cells. Also

observed in cell lines derived from liver, breast, colon, lung, melanocyte and cervix.

### Ephrin Receptor B4 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Ephrin Receptor B4 Rabbit mAb - Images



