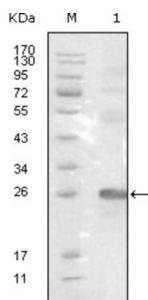
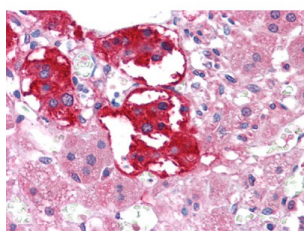


## Ephrin Type B Receptor 3 (EphB3) Antibody

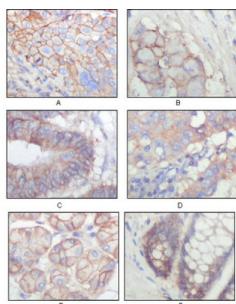
Catalogue No.: abx010728



Western blot analysis using EphB3 antibody against truncated EphB3-His recombinant protein.



Immunohistochemical analysis of paraffin-embedded human lung squamous cell carcinoma (A), lung adenocarcinoma (B), colon carcinoma (C), breast carcinoma (D), normal sublingual gland (E), normal rectal (F), showing membrane localization with DAB staining using EphB3 antibody.



Immunohistochemical analysis of paraffin-embedded human Adrenal tissues using EphB3 antibody.

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. The protein encoded by this gene is a receptor for ephrin-B family members.

**Target:** Ephrin Type B Receptor 3 (EphB3)

**Clonality:** Monoclonal

**Reactivity:** Human

**Tested Applications:** ELISA, IHC

**Host:** Mouse

# Datasheet

Version: 4.0.0  
Revision date: 03 Jul 2025



<b>Recommended dilutions:</b>	ELISA: 1/10000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Purified recombinant fragment of EphB3 (aa39-212) expressed in E. coli.
<b>Isotype:</b>	IgG <sub>2a</sub>
<b>Form:</b>	Liquid
<b>Purification:</b>	Unpurified ascites.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P54753 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	EPHB3
<b>GeneID:</b>	<a href="#">2049</a>
<b>OMIM:</b>	<a href="#">601839</a>
<b>HGNC:</b>	3394
<b>KEGG:</b>	hsa:2049
<b>Ensembl:</b>	ENSG00000182580
<b>String:</b>	<a href="#">9606.ENSP00000332118</a>
<b>Enzyme Commission Number:</b>	EC 2.7.10.1
<b>Molecular Weight:</b>	110 kDa
<b>Buffer:</b>	Ascitic fluid containing 0.03% sodium azide.
<b>Concentration:</b>	Not determined.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.