

Datasheet for ABIN6943213 **anti-Ephrin B2 antibody**

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Overview

Quantity:	100 µL
Target:	Ephrin B2 (EFNB2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Ephrin B2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Human Ephrin B2 aa 50-150
Clone:	3A7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Ephrin B2 (EFNB2)
Alternative Name:	EFNB2 (EFNB2 Products)
Background:	Synonyms: Ephrin-B2, EPH-related receptor tyrosine kinase ligand 5, HTK ligand, LERK-5, HTK-L,

Target Details

EFNB2, EPLG5, HTKL, LERK5

Background: This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. 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. This gene encodes an EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors.

Gene ID: 1948

UniProt: [P52799](#)

Pathways: [RTK Signaling](#), [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: WB 1:300-5000

IHC-P 1:200-400

IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

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