Datasheet for ABIN7138984

# anti-Ephrin B2 antibody (pTyr330)

1 Image

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## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | Ephrin B2 (EFNB2) |
| Binding Specificity: | pTyr330 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Ephrin B2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

## Product Details

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| Immunogen: | Peptide sequence around phosphorylation site of tyrosine 330 (N-I-Y(p)-Y-K) derived from Human Ephrin-B2 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Purification: | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |

## Target Details

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|---|---|
| Target: | Ephrin B2 (EFNB2) |
| Alternative Name: | EFNB2 (EFNB2 Products) |

## Target Details

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|---|---|
| Background: | Background: Adducins are a family of cytoskeleton proteins encoded by three genes (a, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. a- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. a- and gamma-adducins are ubiquitously expressed. In contrast, beta-adducin is expressed at high levels in brain and hematopoietic tissues. Adducin binds with high affinity to Ca(2+)/calmodulin and is a substrate for protein kinases A and C. Alternative splicing results in multiple variants encoding distinct isoforms, however, not all variants have been fully described.<br><br>Chrencik JE,et al.( 2006) J Biol Chem,281(38):28185-28192.<br>Kertesz N, et al. (2006) Blood, 107(6):2330-2338.<br>Noren NK, et al. (2004) Proc Natl Acad Sci USA, 101(15):5583-5588.<br>Aliases: EFN B2 antibody, EFNB 2 antibody, Efnb2 antibody, EFNB2_HUMAN antibody, Eph related receptor tyrosine kinase ligand 5 antibody, EPH-related receptor tyrosine kinase ligand 5 antibody, ephrin B2 antibody, Ephrin-B2 antibody, EphrinB2 antibody, EPLG 5 antibody, EPLG5 antibody, Htk L antibody, HTK ligand antibody, HTK-L antibody, HTKL antibody, LERK 5 antibody, LERK-5 antibody, LERK5 antibody, Ligand of eph related kinase 5 antibody, MGC126226 antibody, MGC126227 antibody, MGC126228 antibody, OTTMUSP00000024973 antibody |
| UniProt: | P52799 |
| Pathways: | RTK Signaling, Regulation of Muscle Cell Differentiation |

## Application Details

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| Application Notes: | WB:1:500-1:1000, |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Buffer: | Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |

## Handling

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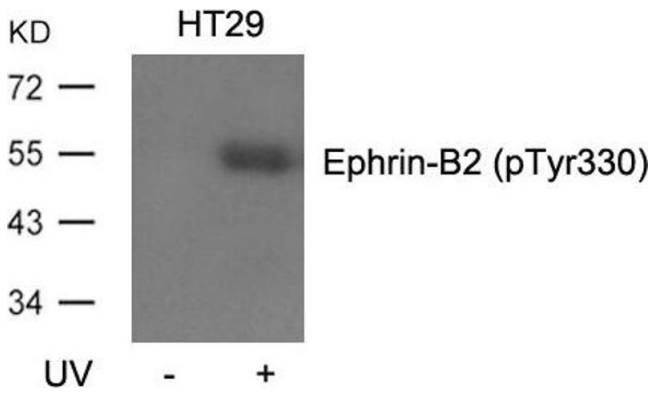
|---|---|
| | should be handled by trained staff only. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |

## Images




**Western Blotting**

**Image 1.** Western blot analysis of extracts from HT29 cells, untreated or treated with UV using Ephrin-B2(Phospho-Tyr330) Antibody.