antibodies - online.com







anti-Ephrin B2 antibody (Middle Region)

Images



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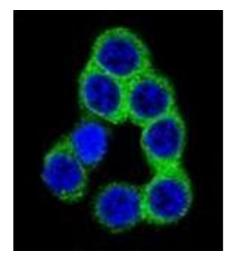
| Quantity: | 0.4 mL | |
|----------------------|---|--|
| Target: | Ephrin B2 (EFNB2) | |
| Binding Specificity: | AA 164-194, Middle Region | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This Ephrin B2 antibody is un-conjugated | |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) | |
| Product Details | | |
| Immunogen: | KLH conjugated synthetic peptide between 164-194 amino acids from the Central region of human EFNB2. | |
| Isotype: | Ig Fraction | |
| Specificity: | This antibody recognizes Human Ephrin-B2 (Center). | |
| Purification: | Affinity Chromatography on Protein A | |
| Target Details | | |
| Target: | Ephrin B2 (EFNB2) | |
| rarget. | | |

Target Details

Storage Comment:

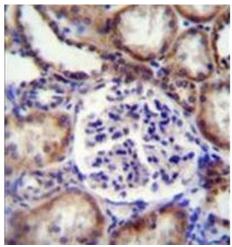
| rarget Details | | |
|---------------------|--|--|
| Background: | This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially 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. Synonyms: EFNB2, EPH-related receptor tyrosine kinase ligand 5, EPLG5, HTK ligand, HTK-L, HTKL, LERK-5, LERK5 | |
| Molecular Weight: | 36923 Da | |
| Gene ID: | 1948 | |
| NCBI Accession: | NP_004084 | |
| Pathways: | RTK Signaling, Regulation of Muscle Cell Differentiation | |
| Application Details | | |
| Application Notes: | Optimal working dilution should be determined by the investigator. | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Concentration: | 0.25 mg/mL | |
| Buffer: | PBS containing 0.09 % (W/V) Sodium Azide as preservative | |
| Preservative: | Sodium azide | |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. | |
| Handling Advice: | Avoid repeated freezing and thawing. | |
| Storage: | 4 °C/-20 °C | |

Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



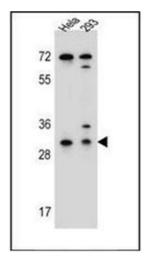
Immunofluorescence

Image 1. Confocal immunofluorescent analysis of Ephrin-B2 Antibody with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin fixed and paraffin embedded human kidney tissue reacted with Ephrin-B2 Antibody followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 3. Western blot analysis of Ephrin-B2 Antibody in Hela,293 cell line lysates (35ug/lane). This demonstrates the EFNB2 antibody detected the EFNB2 protein (arrow).