

For Research Use Only

Frizzled 4 Recombinant monoclonal antibody, PBS Only

Catalog Number:87975-1-PBS



Basic Information

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| Catalog Number: 87975-1-PBS | GenBank Accession Number: BC114527 | Purification Method: Protein A purification |
| Source: Rabbit | GeneID (NCBI): 8322 | CloneNo.: 260031F12 |
| Isotype: IgG | UNIPROT ID: Q9ULV1 | |
| Immunogen Catalog Number: EG5015 | Full Name: frizzled homolog 4 (Drosophila) | |
| | Observed MW: 60 kDa | |

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Frizzled 4, officially known as frizzled class receptor 4 and designated FZD4, is a protein encoded by the FZD4 gene in humans. It is a member of the frizzled (Fz) gene family, which encodes seven-transmembrane domain proteins that primarily function as receptors for Wnt signaling proteins. Frizzled 4 is embedded in the outer membrane of many cell types, where it plays a critical role in transmitting chemical signals from outside the cell to the nucleus. Frizzled 4 has an almost ubiquitous expression pattern and is found in a wide range of human tissues. Mutations in the FZD4 gene are linked to familial exudative vitreoretinopathy (EVR1), an eye disorder that affects the retina and can lead to progressive vision loss.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

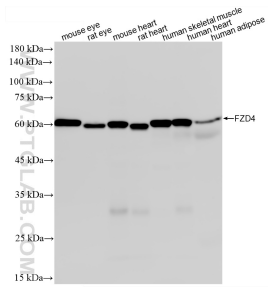
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87975-1-RR (FZD4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87975-1-PBS in a different storage buffer formulation.