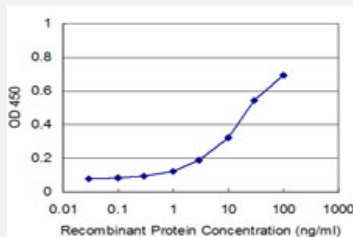


FZD3 monoclonal antibody (M02), clone 1B8

Catalog # H00007976-M02

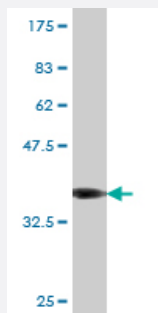
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FZD3 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.07 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant FZD3.
Immunogen	FZD3 (NP_059108, 55 a.a. ~ 157 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QQTAALAMEPFHPMVNLDCSRDFRPFLCALYAPICMEYGRVTLPCRRLCQRAYSECSKLMEMFG VPWPEDMECSRFPDCDEPYPRVLNLNLAGEPTEGAPVAV
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.07 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FZD3 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FZD3

Entrez GeneID

[7976](#)

GeneBank Accession#

[NM_017412](#)

Protein Accession#

[NP_059108](#)

Gene Name

FZD3

Gene Alias

Fz-3, hFz3

Gene Description

frizzled homolog 3 (Drosophila)

Omim ID

[606143](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. The function of this protein is unknown, although it may play a role in mammalian hair follicle development. [provided by RefSeq]

Other Designations

frizzled 3

Publication Reference

- [Identification of WNT/{beta}-CATENIN signaling pathway components in human cumulus cells.](#)

Wang HX, Tekpetey FR, Kidder GM.

Molecular Human Reproduction 2009 Jan; 15(1):11.

Application: WB, Human, Cumulus cell

Pathway

- [Basal cell carcinoma](#)
- [Colorectal cancer](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Bipolar Disorder](#)
- [Chronic Disease](#)
- [Depressive Disorder](#)
- [Dominance](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Mood Disorders](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)