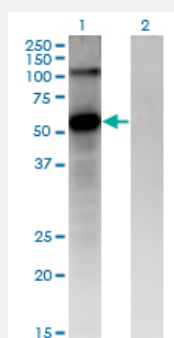


FZD4 monoclonal antibody (M02), clone 3G7

Catalog # H00008322-M02

Size 50 ug

Applications

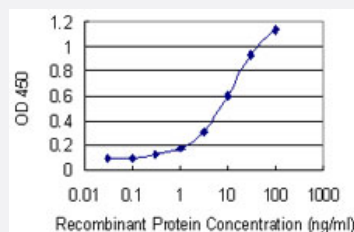


Western Blot (Transfected lysate)

Western Blot analysis of FZD4 expression in transfected 293T cell line by FZD4 monoclonal antibody (M02), clone 3G7.

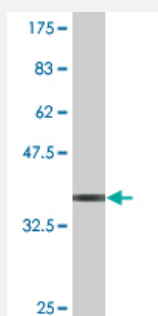
Lane 1: FZD4 transfected lysate (Predicted MW: 59.9 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FZD4 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant FZD4.

Immunogen	FZD4 (NP_036325, 107 a.a. ~ 206 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TEKINIPGPCGGMCLSVKRRCEPVLKEFGFAWPESLNCSKFPPQNDHNHMCMEGPGDEEVPLP HKTPIQPGEECHSVGTNSDQYWVKRSLNVLKCGY
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Transfected lysate)

Western Blot analysis of FZD4 expression in transfected 293T cell line by FZD4 monoclonal antibody (M02), clone 3G7.

Lane 1: FZD4 transfected lysate (Predicted MW: 59.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FZD4 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FZD4

Entrez GeneID [8322](#)

GeneBank Accession# [NM_012193](#)

Protein Accession#	NP_036325
Gene Name	FZD4
Gene Alias	CD344, EVR1, FEVR, FZD4S, Fz-4, FzE4, GPCR, MGC34390
Gene Description	frizzled homolog 4 (Drosophila)
Omim ID	133780 604579
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. This protein may play a role as a positive regulator of the Wingless type MMTV integration site signaling pathway. A transcript variant retaining intronic sequence and encoding a shorter isoform has been described, however, its expression is not supported by other experimental evidence. [provided by RefSeq]
Other Designations	WNT receptor frizzled-4 exudative vitreoretinopathy 1 (autosomal dominant; Criswick-Schepens syndrome) frizzled 4

Pathway

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

Disease

- [Birth Weight](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Eye Diseases](#)
- [Genetic Predisposition to Disease](#)

- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Retinal Diseases](#)
- [Retinopathy of Prematurity](#)
- [Vitreoretinopathy](#)