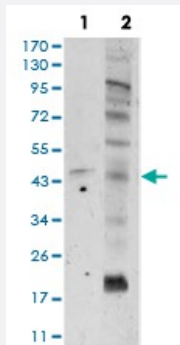


# FZD5 monoclonal antibody, clone 2D12

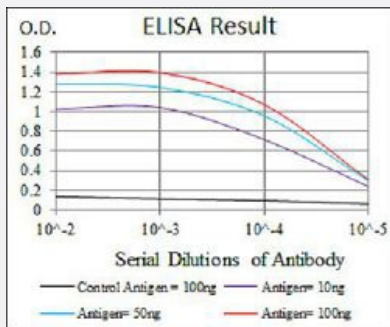
Catalog # MAB17743      Size 100 ug

## Applications



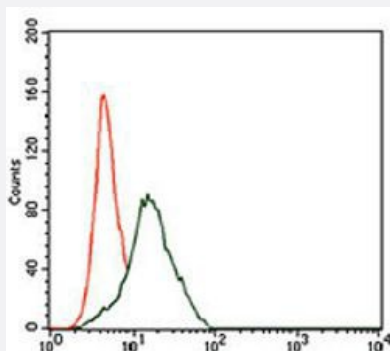
### Western Blot (Cell lysate)

Western blot analysis of (1) A549 cell, (2) PC-3 cell with FZD5 monoclonal antibody.



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FZD5 monoclonal antibody, clone 2D12.



### Flow Cytometry

Flow cytometric analysis of HepG2 cells with FZD5 monoclonal antibody (green) and negative control (red).

## Specification

### Product Description

Mouse monoclonal antibody raised against recombinant human FZD5.

Immunogen	Recombinant protein corresponding to amino acids 151-217 of human FZD5 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	64.5
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of (1) A549 cell, (2) PC-3 cell with FZD5 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FZD5 monoclonal antibody, clone 2D12.

- Flow Cytometry

Flow cytometric analysis of HepG2 cells with FZD5 monoclonal antibody (green) and negative control (red).

## Gene Info — FZD5

Entrez GeneID	<a href="#">7855</a>
Gene Name	FZD5
Gene Alias	C2orf31, DKFZp434E2135, HFZ5, MGC129692

Gene Description	frizzled homolog 5 (Drosophila)
Omim ID	<a href="#">601723</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD5 protein is believed to be the receptor for the Wnt5A ligand. [provided by RefSeq]
Other Designations	Wnt receptor frizzled 5 seven-transmembrane receptor frizzled-5

## Pathway

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

## Disease

- [Genetic Predisposition to Disease](#)
- [Tuberculosis](#)