

#### **Anti-FZD10 Reference Antibody (tabituximab)**

Recombinant Antibody Catalog # APR10319

#### **Specification**

## Anti-FZD10 Reference Antibody (tabituximab) - Product Information

Application
Primary Accession
Reactivity
Clonality
Isotype

Calculated MW

FC, Kinetics, Animal Model

O9ULW2 Human Monoclonal IgG1 145 KDa

# Anti-FZD10 Reference Antibody (tabituximab) - Additional Information

Target/Specificity

FZD10

**Endotoxin** 

< 0.001EU/ µg, determined by LAL method.

**Conjugation** Unconjugated

**Expression system** 

CHO Cell

#### **Format**

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

### Anti-FZD10 Reference Antibody (tabituximab) - Protein Information

### Name FZD10

#### **Function**

Receptor for Wnt proteins. Functions in the canonical Wnt/beta-catenin signaling pathway (By similarity). The canonical Wnt/beta-catenin signaling pathway leads to the activation of disheveled proteins, inhibition of GSK-3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. A second signaling pathway involving PKC and calcium fluxes has been seen for some family members, but it is not yet clear if it represents a distinct pathway or if it can be integrated in the canonical pathway, as PKC seems to be required for Wnt-mediated inactivation of GSK-3 kinase. Both pathways seem to involve interactions with G-proteins. May be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues (Probable).

**Cellular Location** 

Cell membrane; Multi-pass membrane protein



### **Tissue Location**

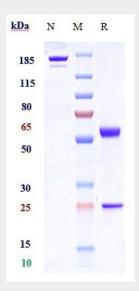
Highest levels in the placenta and fetal kidney, followed by fetal lung and brain. In adult brain, abundantly expressed in the cerebellum, followed by cerebral cortex, medulla and spinal cord; very low levels in total brain, frontal lobe, temporal lobe and putamen. Weak expression detected in adult brain, heart, lung, skeletal muscle, pancreas, spleen and prostate.

### Anti-FZD10 Reference Antibody (tabituximab) - Protocols

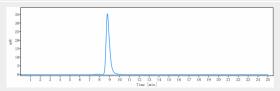
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

#### Anti-FZD10 Reference Antibody (tabituximab) - Images



Anti-FZD10 Reference Antibody (tabituximab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-FZD10 Reference Antibody (tabituximab)is more than 95% ,determined by SEC-HPLC.