# Recombinant LRP6 Monoclonal Antibody

**catalog number:** **AN300719L**

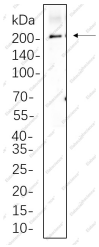
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse |
| **Immunogen** | Recombinant Human LRP6 protein |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Clone** | C210343 |
| **Purification** | Protein A |
| **Buffer** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | 1:200-1:1000 |
| **WB** | 1:2000-1:10000 |
| **IF** | 1:200-1:1000 |
| **ELISA** | 1:5000-1:20000 |

## Data




Western Blot with Recombinant LRP6 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela whole cell lysate.

**Observed-MW:210 kDa**

**Calculated-MW:180 kDa**

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | Ice bag |

## Background

This gene encodes a member of the low density lipoprotein (LDL) receptor gene family. LDL receptors are transmembrane cell surface proteins involved in receptor-mediated endocytosis of lipoprotein and protein ligands. The protein encoded by this gene functions as a receptor or, with Frizzled, a co-receptor for Wnt and thereby transmits the canonical Wnt/beta-catenin signaling cascade. Through its interaction with the Wnt/beta-catenin signaling cascade this gene plays a role in the regulation of cell differentiation, proliferation, and migration and the development of many cancer types. This protein undergoes gamma-secretase dependent RIP- (regulated intramembrane proteolysis) processing but the precise locations of the cleavage sites have not been determined.


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