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Product datasheet for AM06765PU-N

LRP5 Mouse Monoclonal Antibody [Clone ID: 2B11]

Product data:

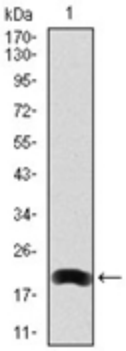
Product Type:	Primary Antibodies
Clone Name:	2B11
Applications:	ELISA, FC, WB
Recommended Dilution:	**ELISA:** 1/10000. **Western Blot:** 1/500 - 1/2000. **Flow Cytometry:** 1/200 - 1/400.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human LRP5 expressed in E. Coli.
Specificity:	Recognizes LRP5
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Stabilizer: 0.5% protein stabilizer Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	179 kDa
Gene Name:	LDL receptor related protein 5
Database Link:	Entrez Gene 4041 Human O75197

View online »

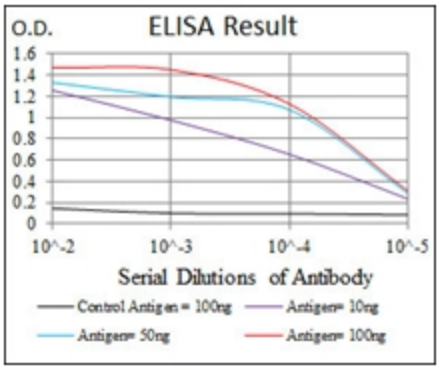
Background: This gene encodes a transmembrane low-density lipoprotein receptor that binds and internalizes ligands in the process of receptor-mediated endocytosis. This protein also acts as a co-receptor with Frizzled protein family members for transducing signals by Wnt proteins and was originally cloned on the basis of its association with type 1 diabetes mellitus in humans. This protein plays a key role in skeletal homeostasis and many bone density related diseases are caused by mutations in this gene. Mutations in this gene also cause familial exudative vitreoretinopathy.

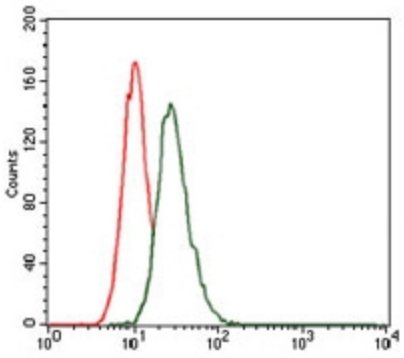
Synonyms: LRP7, LRP-5

Product images:



Western blot analysis using LRP5 antibody against Human LRP5 (AA: 1422-1615) recombinant protein. (Expected MW is 20.8 kDa





Flow Cytometric analysis of HeLa cells using LRP5 antibody (green) and negative control (red).