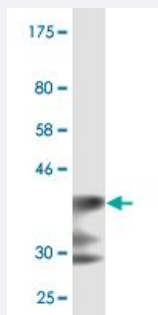


LRP5 monoclonal antibody (M01A), clone 1E9

Catalog # H00004041-M01A

Size 200 uL

Applications



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant LRP5.
Immunogen	LRP5 (NP_002326.1, 41 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RDVRLVDAGGVKLESTIVSGLEDAAAVDFQFSKGAVYWTDVSEEAIKQTYLNQTGAAVQNVVIS GLVSPDGLACDWVGKKLYWTDSETN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — LRP5

Entrez GeneID	4041
GeneBank Accession#	NM_002335
Protein Accession#	NP_002326.1
Gene Name	LRP5
Gene Alias	BMND1, EVR1, EVR4, HBM, LR3, LRP7, OPPG, OPS, OPTA1, VBCH2
Gene Description	low density lipoprotein receptor-related protein 5
Omim ID	144750 166710 259770 601813 601884 603506 607634 607636
Gene Ontology	Hyperlink
Other Designations	exudative vitreoretinopathy 1 low density lipoprotein receptor-related protein 7 osteoporosis pseudo glioma syndrome

Publication Reference

- [Differentiation Generates Paracrine Cell Pairs That Maintain Basaloid Mouse Mammary Tumors: Proof of Concept.](#)

Kim S, Goel S, Alexander CM.

PLoS One 2011 Apr; 6(4):e19310.

Application: Flow Cyt, Mouse, Mammary tumors

Pathway

- [Wnt signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Atherosclerosis](#)
- [Body Weight](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Femoral Neck Fractures](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Glucose Intolerance](#)
- [Hip Fractures](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)

- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoarthritis](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Polycystic Ovary Syndrome](#)
- [Pulmonary Disease](#)
- [Spinal Fractures](#)
- [Spondylarthritis](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Syndrome](#)
- [Urinary Bladder Neoplasms](#)
- [Vitreoretinopathy](#)
- [Werner syndrome](#)