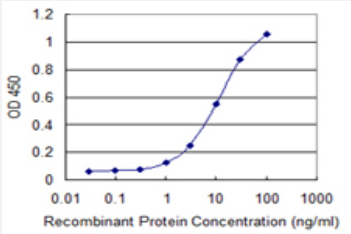
LRP8 monoclonal antibody (M02), clone 1A1

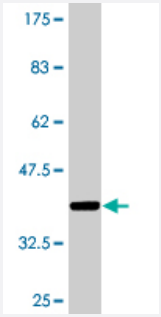
Catalog # H00007804-M02 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LRP8 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.42 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant LRP8.
Immunogen	LRP8 (NP_004622, 83 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KKTCADSDFTCDNGHCIHERWKCDGEEECPDGSDESEATCTKQVCPAEKLSCGPTSHKCVPA SWRCDGEKDCEGGADEAGCATLCAPH
Host	Mouse
Reactivity	Human

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Interspecies Antigen Sequence	Mouse (90); Rat (90)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.42 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA
- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged LRP8 is 0.3 ng/ml as a capture antibody.

  Protocol Download
- Western Blot (Recombinant protein)

  Protocol Download

Gene Info — LRP8

Entrez GeneID	7804
GeneBank Accession#	NM_004631
Protein Accession#	NP_004622
Gene Name	LRP8
Gene Alias	APOER2, HSZ75190, MCI1
Gene Description	low density lipoprotein receptor-related protein 8, apolipoprotein e receptor
Omim ID	602600 608446
Gene Ontology	Hyperlink

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Gene Summary	This gene encodes an apolipoprotein E receptor, a member of the low density lipoprotein receptor (LDLR) family. Apolipoprotein E is a small lipophilic plasma protein and a component of lipoproteins such as chylomicron remnants, very low density lipoprotein (VLDL), and high density lipoprotein (HDL). The apolipoprotein E receptor is involved in cellular recognition and internalization of these lipoproteins. Alternative splicing generates multiple transcript variants encoding distinct isoforms for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000010479|OTTHUMP00000010480|OTTHUMP00000010481|apolipoprotein E receptor 2|low density lipoprotein receptor-related protein 8

Publication Reference

- LRP8 activates STAT3 to induce PD-L1 expression in osteosarcoma.

  Shiqin Zheng, Yuxi Wei, Yu Jiang, Yi Hao.

  Tumori 2021 Jun; 107(3):238.

  Application: WB-Ti, Human, Human osteosarcoma tissues

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Chronic Disease
- Coronary Artery Disease
- Dementia
- Diabetes Mellitus
- Edema
- Fetal Growth Retardation
- Genetic Predisposition to Disease
- Hepatitis C
- Hypertension
- Kidney Diseases
- Metabolic Syndrome X

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- Myocardial Infarction
- Pre-Eclampsia
- Renal Insufficiency
- Werner syndrome

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