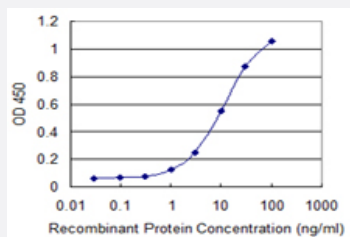


LRP8 monoclonal antibody (M02), clone 1A1

Catalog # H00007804-M02

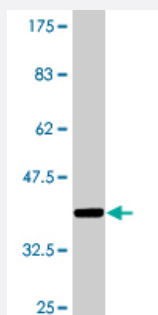
Size 100 ug

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

KKTCADSDFTCDNGHCIHERWKCDGEEECPDGSESEATCTKQVCPAEKLSCGPTSHKCVPA
SWRCDGEKDCEGGADEAGCATLCAPH

Host

Mouse

Reactivity

Human

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

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

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

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](#)

- [Myocardial Infarction](#)
- [Pre-Eclampsia](#)
- [Renal Insufficiency](#)
- [Werner syndrome](#)