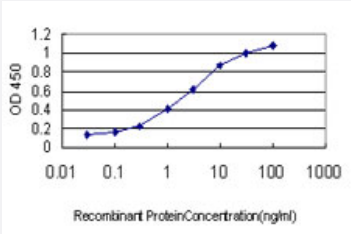
LRP8 monoclonal antibody (M01), clone 3H2

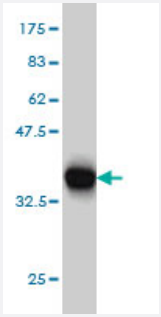
Catalog # H00007804-M01 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LRP8 is approximately 0.03ng/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 approximately 0.03ng/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

- PCSK9 is not involved in the degradation of LDL receptors and BACE1 in the adult mouse brain.

  Liu M, Wu G, Baysarowich J, Kavana M, Addona GH, Bierilo KK, Mudgett JS, Pavlovic G, Sitlani A, Renger JJ, Hubbard BK, Fisher TS, Zerbinatti CV.

  Journal of Lipid Research 2010 Sep; 51(9):2611.

  Application: WB-Ti, Mouse, Mouse brains

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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