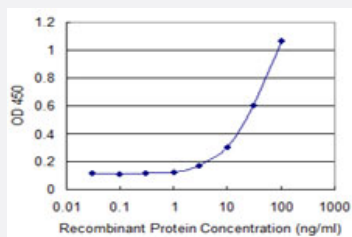


LEPR monoclonal antibody (M05), clone 2H5

Catalog # H00003953-M05

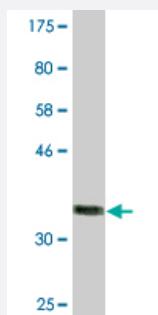
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LEPR is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant LEPR.

Immunogen

LEPR (NP_001003679, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

WRFKLSCMPPNSTYDYFLLPAGLSKNTSNSNGHYETAPEPKFNSSGTHFSNLSKTTFHCCFRSE
QDRNCSLCADNIEGKTFVSTVNSLVFQQIDANWNIQ

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (55)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 LEPR is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — LEPR

Entrez GeneID	3953
GeneBank Accession#	NM_001003679
Protein Accession#	NP_001003679
Gene Name	LEPR
Gene Alias	CD295, OBR
Gene Description	leptin receptor
Omim ID	601007
Gene Ontology	Hyperlink

Gene Summary

Leptin (LEP; MIM 164160), an adipocyte-specific hormone that regulates adipose-tissue mass through hypothalamic effects on satiety and energy expenditure, acts through the leptin receptor (LEPR), a single-transmembrane-domain receptor of the cytokine receptor family.[supplied by OMIM]

Other Designations

OB receptor|OTTHUMP00000010693|OTTHUMP00000010694

Pathway

- [Adipocytokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Albuminuria](#)
- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)

- [Bulimia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Disorders](#)
- [Chronic Disease](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Disease](#)
- [Cues](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Diseases in Twins](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Fatty Liver](#)
- [Fetal Weight](#)
- [Gallstones](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [HELLP Syndrome](#)
- [Hepatitis](#)

- [Hepatitis C](#)
- [Hypercholesterolemia](#)
- [Hyperinsulinism](#)
- [Hyperlipidemias](#)
- [Hyperphagia](#)
- [Hypertension](#)
- [Hypogonadism](#)
- [Immunologic Deficiency Syndromes](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Mental Disorders](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Metabolism](#)
- [Microsatellite Instability](#)
- [Mouth Neoplasms](#)
- [NARP](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obesity](#)
- [Ossification of Posterior Longitudinal Ligament](#)
- [Osteoporosis](#)

- [Ovarian Failure](#)
- [Overweight](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Postoperative Complications](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pregnancy in Diabetics](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Satiety Response](#)
- [Schizophrenia](#)
- [Sleep Apnea](#)
- [Spinal Dysraphism](#)
- [Spinal Fractures](#)
- [Taste](#)
- [Thinness](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)