

HFE rabbit monoclonal antibody

Catalog # H00003077-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HFE peptide using ARM Technology.
Immunogen	A synthetic peptide of human HFE is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human HFE peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — HFE

Entrez GeneID	3077
GeneBank Accession#	HFE
Gene Name	HFE
Gene Alias	HFE1, HH, HLA-H, MGC103790, dJ221C16.10.1
Gene Description	hemochromatosis
Omim ID	176200 235200
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a membrane protein that is similar to MHC class I-type proteins and associates with beta2-microglobulin (beta2M). It is thought that this protein functions to regulate iron absorption by regulating the interaction of the transferrin receptor with transferrin. The iron storage disorder, hereditary haemochromatosis, is a recessive genetic disorder that results from defects in this gene. At least nine alternatively spliced variants have been described for this gene. Additional variants have been found but their full-length nature has not been determined. [provided by RefSeq]
Other Designations	MHC class I-like protein HFE hemochromatosis protein hereditary hemochromatosis protein HLA-H

Disease

- [Abortion](#)
- [Activated Protein C Resistance](#)
- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Adenomatous Polyps](#)
- [Albuminuria](#)
- [Alcoholism](#)

- [alpha 1-Antitrypsin Deficiency](#)
- [alpha-Thalassemia](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Arteriosclerosis](#)
- [Arthralgia](#)
- [Arthritis](#)
- [Asthenia](#)
- [Atherosclerosis](#)
- [Barrett Esophagus](#)
- [beta-Thalassemia](#)
- [Birth Weight](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiomyopathies](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Celiac Disease](#)
- [Cell Transformation](#)
- [Cerebral Hemorrhage](#)

- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chondrocalcinosis](#)
- [Chromosome Aberrations](#)
- [Chronic Disease](#)
- [Cluster Headache](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Common Variable Immunodeficiency](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Stenosis](#)
- [Cystic fibrosis](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Models](#)
- [Disease Progression](#)

- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [DNA Virus Infections](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fatigue](#)
- [Fatty Liver](#)
- [Fetal Death](#)
- [Fibrosis](#)
- [Flaviviridae Infections](#)
- [Gastrointestinal Hemorrhage](#)
- [Gaucher Disease](#)
- [Genetic Predisposition to Disease](#)
- [Genital Diseases](#)
- [Glomerulonephritis](#)
- [Glucose Intolerance](#)
- [Heart Diseases](#)
- [Heart Failure](#)
- [Hematologic Diseases](#)
- [Hematologic Neoplasms](#)
- [Hemochromatosis](#)
- [Hemoglobinopathies](#)
- [Hemosiderosis](#)
- [Hepatic Veno-Occlusive Disease](#)
- [Hepatitis](#)
- [Hepatitis B](#)

- [Hepatitis C](#)
- [Hepatolenticular Degeneration](#)
- [Hereditary hemochromatosis](#)
- [HIV Infections](#)
- [HIV-Associated Lipodystrophy Syndrome](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Hyperthyroidism](#)
- [Hypertriglyceridemia](#)
- [Hypertrophy](#)
- [Hypothyroidism](#)
- [IgG Deficiency](#)
- [Ileus](#)
- [Infection](#)
- [Infertility](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Intracranial Thrombosis](#)
- [Inversion](#)
- [Iron Metabolism Disorders](#)
- [Iron Overload](#)
- [Joint Diseases](#)
- [Kidney Failure](#)
- [Leiomyoma](#)

- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Liver Failure](#)
- [Liver Neoplasms](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Malaria](#)
- [Mental Status Schedule](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Metal Metabolism](#)
- [Migraine Disorders](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Myelodysplastic Syndromes](#)
- [Myeloproliferative Disorders](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Nerve Degeneration](#)
- [Neurodegenerative Diseases](#)
- [Neuropsychological Tests](#)

- [Obesity](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Papillomavirus Infections](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Peripheral Nervous System Diseases](#)
- [Pigmentation Disorders](#)
- [Polycythemia Vera](#)
- [Porphyria](#)
- [Porphyria Cutanea Tarda](#)
- [Pregnancy Complications](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Proteinuria](#)
- [Pseudomonas Infections](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Radiation Injuries](#)
- [Rheumatic Diseases](#)
- [Siderosis](#)
- [Skin Neoplasms](#)
- [Splenomegaly](#)
- [Stroke](#)
- [Substance-Related Disorders](#)

- [Syndrome](#)
- [Thalassemia](#)
- [Thrombocythemia](#)
- [Thrombophilia](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Uterine Neoplasms](#)
- [Varicose Ulcer](#)
- [Vascular Diseases](#)
- [Ventricular Dysfunction](#)
- [Werner syndrome](#)