

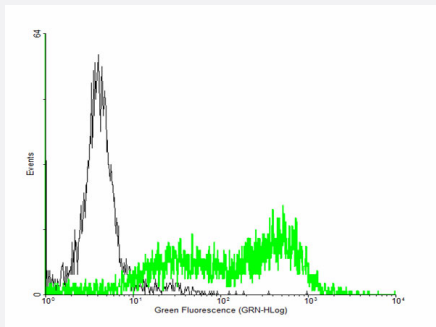
MaxPab®

HFE purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003077-B01P

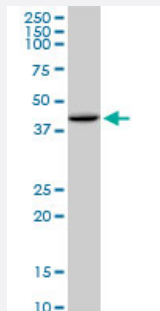
Size 50 ug

Applications



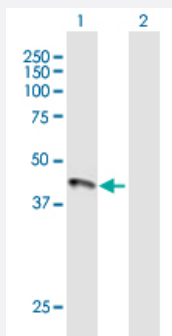
Flow Cytometry

FACS analysis of negative control 293 cells (Black) and HFE expressing 293 cells (Green) using HFE purified MaxPab mouse polyclonal antibody.



Western Blot (Cell lysate)

HFE MaxPab polyclonal antibody. Western Blot analysis of HFE expression in HepG2.



Western Blot (Transfected lysate)

Western Blot analysis of HFE expression in transfected 293T cell line ([H00003077-T01](#)) by HFE MaxPab polyclonal antibody.

Lane 1: HFE transfected lysate(38.28 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human HFE protein.

Immunogen	HFE (NP_000401.1, 1 a.a. ~ 348 a.a) full-length human protein.
Sequence	MGPRARPALLLLMLLQTAVLQGRLLRSHSLHYLFMGASEQDLGLSLFEALGYVDDQLFVFDHES RRVEPRTPWVSSRISSQMWLQLSQSLKGWDHMFVTDFWTIMENHNHSHKESHTLQVILGCEMQE DNSTEGYWKYGYDGGQDHLEFCPTLDWRAAEPRAWPTKLEWERHKIRARQNRAYLERDCPAQL QQLELELGRGVLDQQVPPLVKVTHHVTSSVTTLRCRALNYPQNITMKWLKDKQPMDAKEFEPKD VLPNGDGTYYGWITLAVPPGEEQRYTCQVEHPGLDQPLVWEPSPSGTLVIGVISGIAVFVILFIGI LFIILRKRRQSGRGAMGHYVLAERE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (69); Rat (70)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry

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- Western Blot (Cell lysate)

HFE MaxPab polyclonal antibody. Western Blot analysis of HFE expression in HepG2.

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- Western Blot (Transfected lysate)

Western Blot analysis of HFE expression in transfected 293T cell line ([H00003077-T01](#)) by HFE MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

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Gene Info — HFE

Entrez GeneID [3077](#)

GeneBank Accession#	NM_000410.3
Protein Accession#	NP_000401.1
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

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- [Acute Disease](#)
- [Adenocarcinoma](#)
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- [Adenomatous Polyps](#)
- [Albuminuria](#)
- [Alcoholism](#)
- [alpha 1-Antitrypsin Deficiency](#)
- [alpha-Thalassemia](#)
- [Alzheimer disease](#)

- [Amyotrophic lateral sclerosis](#)
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- [beta-Thalassemia](#)
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- [Brain Infarction](#)
- [Brain Ischemia](#)
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- [Breast Neoplasms](#)
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- [Hepatitis B](#)
- [Hepatitis C](#)
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