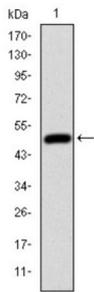
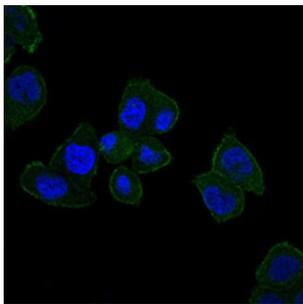


Hereditary Hemochromatosis Protein (HFE) Antibody

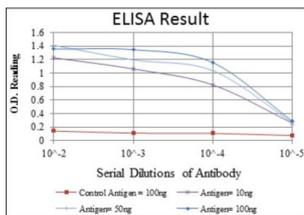
Catalogue No.: abx015884



Western blot analysis using HFE antibody against human HFE (AA: 125-282) recombinant protein. (Expected MW is 44 kDa).



Western blot analysis using HFE antibody against HEK293 (1) and HFE (AA: 125-282) - hlgGFc transfected HEK293 (2) cell lysate.



Immunofluorescence analysis of HepG2 cells using HFE antibody (green). Blue: DRAQ5 fluorescent DNA dye.

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.

Target: Hereditary Hemochromatosis Protein (HFE)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IF/ICC

Host: Mouse

Datasheet

Version: 4.0.0
Revision date: 29 Jul 2025



Recommended dilutions: ELISA: 1/10000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human HFE expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Unpurified ascites.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q30201 ([UniProt](#), [ExPASy](#))

Gene Symbol: HFE

GeneID: [3077](#)

OMIM: [176200](#)

HGNC: 4886

KEGG: hsa:3077

Ensembl: ENSG00000010704

String: [9606.ENSP00000417404](#)

Molecular Weight: 40 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.