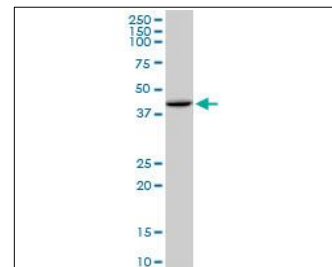


**KB548**

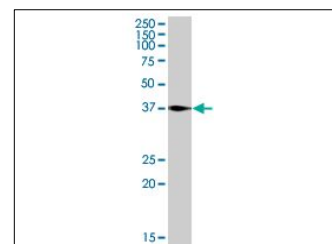
For research use only

# Anti Human HFE Polyclonal Antibody

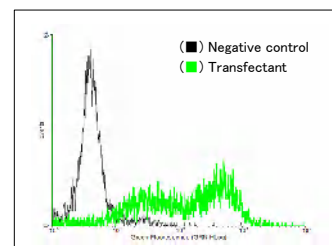
<b>Code No.</b>	KB548
<b>Target</b>	HFE
<b>Category</b>	Others
<b>Gene ID</b>	3077
<b>Primary Source</b>	HGNC:4886
<b>Synonyms</b>	HH; HFE1; HLA-H; MVCD7; MGC103790; dJ221C16.10.1; HFE
<b>Type</b>	Polyclonal Antibody
<b>Immunogen</b>	Recombinant protein of full length Human HFE
<b>Raised in</b>	Mouse
<b>Myeloma</b>	-
<b>Clone number</b>	-
<b>Purification</b>	Protein A purified
<b>Source</b>	Mouse Serum
<b>Isotype</b>	-
<b>Cross Reactivity</b>	-
<b>Label</b>	Unlabeled
<b>Concentration</b>	0.44 mg/mL
<b>Contents (Volume)</b>	50 µg
<b>Buffer</b>	PBS, pH 7.2



[WB] HepG2 cell lysate



[WB] HFE transfected 293T cell lysate



[FCM] HFE expressing 293 cells

**Storage** Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

**Application** WB,FCM

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	1.0	-	-

(µg/mL)

## Reference

1. Feder J.N., et al. "A novel MHC class I-like gene is mutated in patients with hereditary haemochromatosis." Nat. Genet. 13:399-409(1996)
2. Ruddy D.A., et al. "A 1.1-Mb transcript map of the hereditary hemochromatosis locus." Genome Res. 7:441-456(1997)
3. Albright W., et al. "The haemochromatosis candidate gene HFE (HLA-H) of man and mouse is located in syntenic regions within the histone gene." J. Cell. Biochem. 69:117-126(1998)

## UniPlot Summary

//Function: Binds to transferrin receptor (TFR) and reduces its affinity for iron-loaded transferrin.

//Subcellular location: Membrane; Single-pass type I membrane protein.

//Tissue specificity: In all tissues tested except brain.

//Sequence similarities: Belongs to the MHC class I family. Contains 1 Ig-like C1-type (immunoglobulin-like) domain.