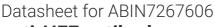
antibodies -online.com







anti-HFE antibody





Overview

Quantity:	100 μL
Target:	HFE
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HFE antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	HFE Rabbit mAb
Immunogen:	A synthesized peptide derived from human HFE.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	HFE
Alternative Name:	HFE (HFE Products)
Background:	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.,HFE, HFE1, HH, HLA-H, MVCD7, TFQTL2, hemochromatosis,Signal Transduction,Endocrine & Metabolism,Neuroscience,Neurodegenerative Diseases Markers,Other Neurological disorders,Stem Cells,Hematopoietic Progenitors,Amyotrophic lateral sclerosis-ALS,HFE

 Molecular Weight:
 40kDa

 Gene ID:
 3077

 UniProt:
 Q30201

 Pathways:
 Transition Metal Ion Homeostasis, Regulation of Leukocyte Mediated Immunity, Positive

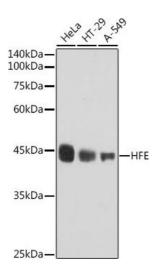
Regulation of Immune Effector Process

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using HFE antibody (ABIN7267606) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.