

Mouse Monoclonal Antibody to HFE

Catalogue Number	sAP-0622
Target Molecule	Name: HFE Aliases: HH; HFE1; HLA-H; MVCD7; TFQTL2; MGC103790; dJ221C16.10.1 MW: 40kDa Entrez Gene ID: 3077
Description	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.
Immunogen	Purified recombinant fragment of human HFE expressed in E. Coli. ;
Recitative Species	Human
Clone	MM3F1;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Respir Med. 2009 Dec;103(12):1866-70. ; 2. Clin J Am Soc Nephrol. 2009 Aug;4(8):1331-7. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**