

Datasheet for ABIN515646
anti-FH antibody (AA 33-510)



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Overview

Quantity:	100 µg
Target:	FH
Binding Specificity:	AA 33-510
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FH antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant FH.
Immunogen:	FH (AAH03108, 33 a.a. ~ 510 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	VPSFWPPNAA RMA SQNSFRI EYDTFGELKV PNDKYYGAQT VRSTMNFKIG GVTERMPTPV IKAFGILKRA AAEVNQDYGL DPKIANAIMK AADEVAEGKL NDHFPLVVWQ TGSGTQTNMN VNEVISNRAI EMLGGELGSK IPVHPNDHVN KSQSSNDTFP TAMHIAAAIE VHEVLLPGLQ KLHDALDAKS KEFAQIIKIG RTHTQDAVPL TLGQEFSGYV QQVKYAMTRI KAAMPRIYEL AAGGTAVGTG LNTRIGFAEK VAAKVAALTG LPFVTAPNKF EALAAHDALV ELSGAMNTTA CSLMKIANDI RFLGSGPRSG LGELILPENE PGSSIMPGKV NPTQCEAMTM VAAQVMGNHV AVTVGGSNGH FELNVFKPMM IKNVLHSARL LGDASVSFTE NCVVGIQANT ERINKLMNES LMLVTALNPH IGYDKAAKIA KTAHKNGSTL KETAIELGYL TAEQFDEWVK PKDMLGPK

Product Details

Clone:	2E10
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	FH
Alternative Name:	FH (FH Products)
Background:	Full Gene Name: fumarate hydratase Synonyms: HLRCC,LRCC,MCL,MCUL1
Gene ID:	2271

Application Details

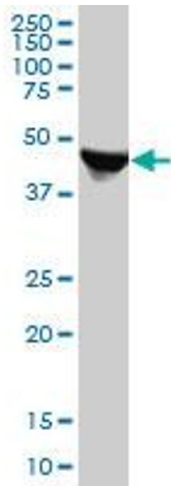
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

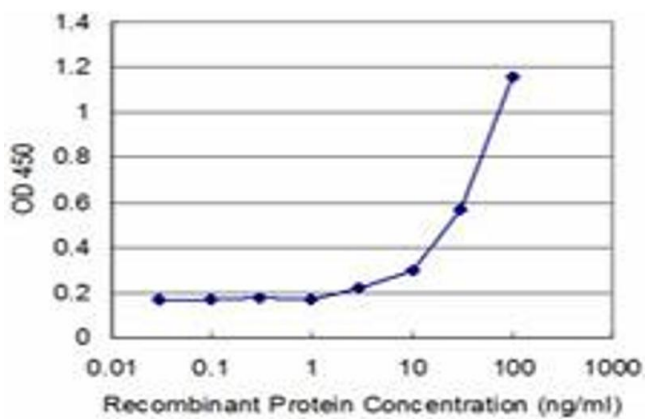
Publications

Product cited in:	Kratochvílová, Hejzlarová, Vrbacký, Mrá?ek, Karbanová, Tesa?ová, Gombitová, Cmarko, Wittig, Zeman, Houšt?k: "Mitochondrial membrane assembly of TMEM70 protein." in: Mitochondrion , Vol. 15, pp. 1-9, (2014) (PubMed).
	Kov?ová, Mrá?ek, N?sková, Holzerová, Vrbacký, Pecina, Hejzlarová, K?u?ková, Rohlena, Neuzil, Houšt?k: "High molecular weight forms of mammalian respiratory chain complex II." in: PLoS ONE , Vol. 8, Issue 8, pp. e71869, (2013) (PubMed).



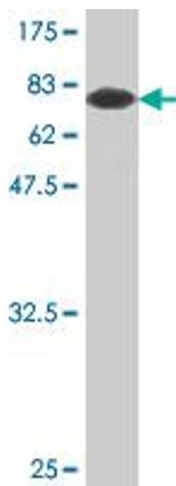
Western Blotting

Image 1. FH monoclonal antibody (M01), clone 2E10. Western Blot analysis of FH expression in HeLa .



ELISA

Image 2. Detection limit for recombinant GST tagged FH is approximately 3ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (78.32 kDa) .