

Product Datasheet

Fumarase Antibody (2E10)

H00002271-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00002271-M01

Fumarase Antibody (2E10)

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2E10
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	PBS (pH 7.4)
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2271
Gene Symbol	FH
Species	Human
Specificity/Sensitivity	FH - fumarate hydratase (2E10)
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. VPSFWPPNAARMASQNSFRIEYDTFGELKVPNDKYYGAQTVRSTMNFKIGGVTERMPTPVIAFGILKRAAAEVNQDYGLDPKIANAIMKAADEVAEGKLNDHFPLV VWQTGSGTQTNMNVNEVISNRAIEMLGELGSKIPVHPNDHVNKSQSSNDTFPTAMHIAAAIEVHEVLLPGLQKLHDALDAKSKEFAQIIKIGRTHQTDAVPLTLGQEF SGYVQQVKYAMTRIKAAMPRIYELAAGGTAVGTGLNTRIGFAEKVAAKVAALTGLPFVTAPNKFEALAAHDALVELSGAMNTTACSLMKIANDIRFLGSGPRSGLGELI LPENEPGSSIMPGKVNPTQCEAMTMVAAQVMGNHVAVTVGGSNGHFELNVFKPMMIKNVLHSARLLGDASVSFTENCVVGIQANTERINKLMNESLMLVTALNPHI GYDKAAKIAKTAHKNGSTLKETAIELGYLTAEQFDEWVKPKDMLGPK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.



Publications

Kovarova N, Mracek T, Nuskova H et al. High Molecular Weight Forms of Mammalian Respiratory Chain Complex II. PLoS One. 2013-08-13 [PMID: 23967256]

Kratochvilova Hana, Hejzlarova Katerina, Vrbacky Marek et al. Mitochondrial membrane assembly of TMEM70 protein. Mitochondrion. 2014-02-25 [PMID: 24576557] (Human)

Xie H, Valera VA, Merino MJ et al. LDH-A inhibition, a therapeutic strategy for treatment of hereditary leiomyomatosis renal cell cancer. Mol Cancer Ther;8(3):626-635. 2009-01-01 [PMID: 19276158]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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