

Product Datasheet

Calreticulin-2/CALR3 Antibody (4E3) H00125972-M01

Unit Size: 0.1 mg

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

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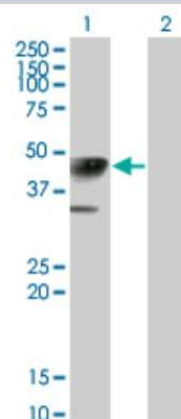
H00125972-M01**Calreticulin-2/CALR3 Antibody (4E3)**

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	4E3
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	125972
Gene Symbol	CALR3
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	CALR3 (4E3)
Immunogen	CALR3 (AAH14595, 21 a.a. ~ 384 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VYFQEEFLDGEHWRNRWLQSTNDSRFGHFRLSSGKFYGHKEKDKGLQTTQN GRFYAISARFKPFSNKGKTLVIQYTVKHEQKMDCGGGYIKVFPADIDQKNLNGK SQYYIMFGPDICGFDIKKVHVLHFKNKYHENKKLIRCKVDGFTHLYTLILRPDLS YDVKIDGQSIESGSIEYDWNLTSLKKETSPAESKDWEQTKDNKAQDWEKHFLD ASTSKQSDWNGDLGDGWPAPMLQKPPYQDGLKPEGIHKDVWLHRKMKNTDY LTQYDLSEFENIGAIGLELWQVRSGTIFDNFLITDDEEYADNFGKATWGETKGP EREMDAIQAKEEMKKAREEEEEELLSGKINRHEHYFNQFHRRNEL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactive against transfected lysate and recombinant protein for western blot. It has also been used for RNAi validation and ELISA.

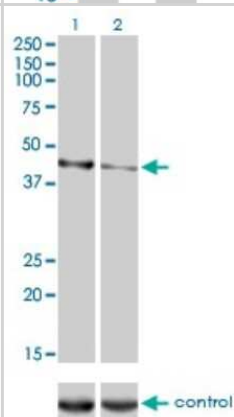


Images

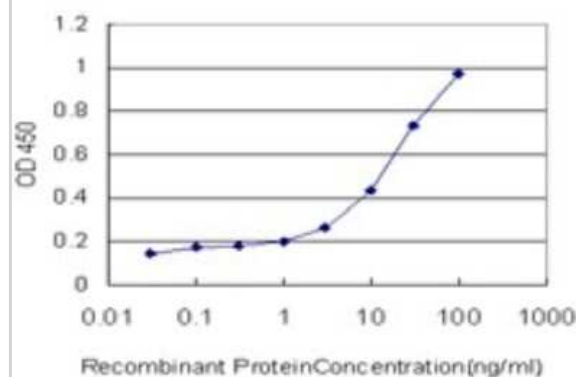
Western Blot: Calreticulin-2/CALR3 Antibody (4E3) [H00125972-M01] - Analysis of CALR3 expression in transfected 293T cell line by CALR3 monoclonal antibody (M01), clone 4E3. Lane 1: CALR3 transfected lysate (45 KDa). Lane 2: Non-transfected lysate.



Western Blot: Calreticulin-2/CALR3 Antibody (4E3) [H00125972-M01] - Analysis of CALR3 over-expressed 293 cell line, cotransfected with CALR3 Validated Chimera RNAi (Cat # H00125972-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CALR3 monoclonal antibody (M01), clone 4E3 (Cat # H00125972-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Sandwich ELISA: Calreticulin-2/CALR3 Antibody (4E3) [H00125972-M01] - Detection limit for recombinant GST tagged CALR3 is approximately 1ng/ml as a capture antibody.





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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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