Datasheet for ABIN530566

anti-Calreticulin 3 antibody (AA 21-384)

4 Images

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Overview

Quantity:	100 µg
Target:	Calreticulin 3 (CALR3)
Binding Specificity:	AA 21-384
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Calreticulin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant CALR3.
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.
Sequence:	VYFQEEFLDG EHWRNRWLQS TNDSRFGHFR LSSGKFYGHK EKDKGLQTTQ NGRFYAISAR FKPFSNKGKT LVIQYTVKHE QKMDCGGGYI KVFPADIDQK NLNGKSQYYI MFGPDICGFD IKKVHVILHF KNKYHENKKL IRCKVDGFTH LYTLILRPDL SYDVKIDGQS IESGSIEYDW NLTSLKKETS PAESKDWEQT KDNKAQDWEK HFLDASTSKQ SDWNGDLDGD WPAPMLQKPP YQDGLKPEGI HKDVWLHRKM KNTDYLTQYD LSEFENIGAI GLELWQVRSG TIFDNFLITD DEEYADNFGK ATWGETKGPE REMDAIQAKE EMKKAREEEE EELLSGKINR HEHYFNQFHR RNEL
Clone:	4E3
Isotype:	IgG2b

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Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Calreticulin 3 (CALR3)
Alternative Name:	CALR3 (CALR3 Products)
Background:	Full Gene Name: calreticulin 3 Synonyms: CRT2,FLJ25355,MGC26577
Gene ID:	125972
Pathways:	Activation of Innate immune Response

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.

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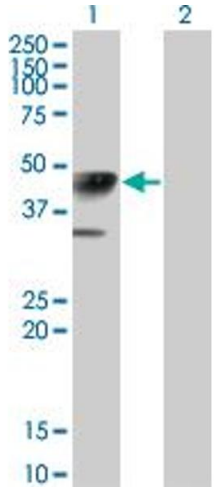
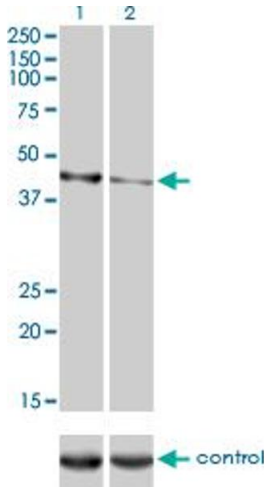


Western Blotting

Image 1. Western Blot analysis of CALR3 expression in transfected 293T cell line by CALR3 monoclonal antibody (M01), clone 4E3.

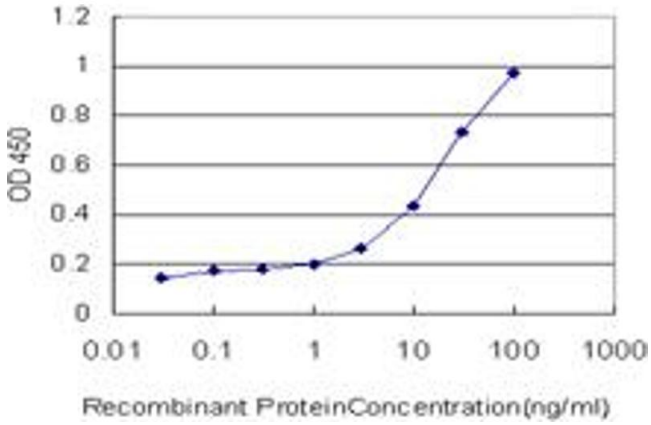
Lane 1: CALR3 transfected lysate(45 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. Western blot analysis of CALR3 over-expressed 293 cell line, cotransfected with CALR3 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with CALR3 monoclonal antibody (M01), clone 4E3. GAPDH (36.1 kDa) used as specificity and loading control.



ELISA

Image 3. Detection limit for recombinant GST tagged CALR3 is approximately 1ng/ml as a capture antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN530566.

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