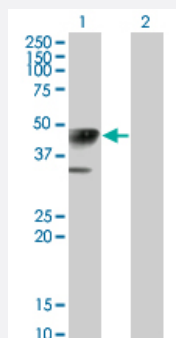


CALR3 monoclonal antibody (M01), clone 4E3

Catalog # H00125972-M01

Size 100 ug

Applications

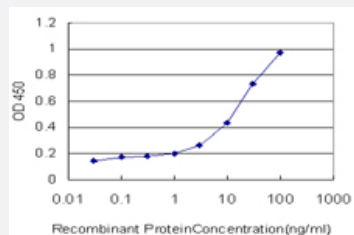


Western Blot (Transfected lysate)

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

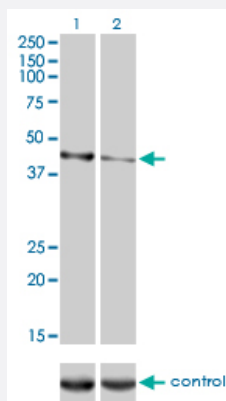
Lane 1: CALR3 transfected lysate(45 KDa).

Lane 2: Non-transfected lysate.



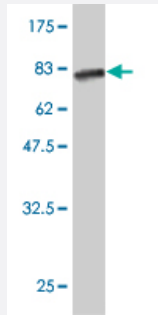
Sandwich ELISA (Recombinant protein)

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



RNAi Knockdown (Antibody validated)

Western blot 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.



Western Blot detection against Immunogen (65.78 KDa) .

Specification

Product Description	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	VYFQEEFLDGEHWRNRWLQSTNDSRFGHFRLSSGKFYGHKEKDKGLQTTQNGRFYAISARFKPF SNKGKTLVIQYTVKHEQKMDCGGYIKVFPADIDQKNLNGKSQYYIMFGPDICGFDIKKVHVLHFKN KYHENKKLIRCKVDGFTHLYTLILRPDLSYDVKIDGQSIEGSIEYDWNLTSLKKETSPAESKDWEQ TKDNKAQDWEKHFLDASTSKQSDWNGDLGDWPAPMLQKPPYQDGLKPEGIHKDVWLHRKM KNTDYLTYDLSEFENIGAIGLELWQVRSCTIFDNFLITDDEEYADNFGKATWGETKGPEREMDAIQ AKEEMKKAREEEEEELLSGKINRHEHYFNQFHRRNEL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (84)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (65.78 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot 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.

[Protocol Download](#)

Gene Info — CALR3

Entrez GeneID [125972](#)

GeneBank Accession# [BC014595](#)

Protein Accession# [AAH14595](#)

Gene Name CALR3

Gene Alias CRT2, FLJ25355, MGC26577

Gene Description calreticulin 3

Omim ID [611414](#)

Gene Ontology [Hyperlink](#)

Gene Summary Calreticulins, such as CALR3, are Ca(2+)-binding chaperones localized mainly in the endoplasmic/sarcoplasmic reticulum Persson et al. (2002) [PubMed 12384296].[supplied by OMIM]

Other Designationscalreticulin 2
