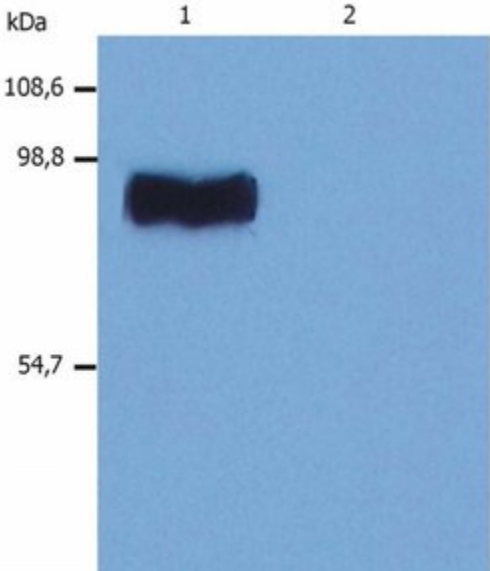


STIM1 Monoclonal Antibody (CDN3H4)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	CDN3H4
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to the C-terminal cytoplasmic part of STIM1
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	15mM sodium azide
Storage Conditions	4° C, do not freeze
RRID	AB_2197884

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	Assay Dependent	-
Immunohistochemistry (Paraffin) (IHC (P))	5 µg/mL	1 Publication
Immunoprecipitation (IP)	Assay Dependent	-
Western Blot (WB)	1 µg/mL	3 Publications

Product Images For STIM1 Monoclonal Antibody (CDN3H4)



STIM1 Antibody (MA1-19451) in WB
Western blot analysis of STIM1 using a monoclonal antibody (Product # MA1-19451).

[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (3)

Molecular and cellular biology

STIM1-Ca(2+) signaling is required for the hypertrophic growth of skeletal muscle in mice.

"MA1-19451 was used in western blot to study hypertrophic murine skeletal muscle growth and the essential role of STIM1 regulated Ca(2+) signaling"

Authors: Li T, Finch EA, Graham V, Zhang ZS, Ding JD, Burch J, Oh-hora M, Rosenberg P

Species

Mouse
Not Applicable

Dilution

Not Cited
Not Cited

Year

2012

The Journal of cell biology

STIM1- and Orai1-mediated Ca(2+) oscillation orchestrates invadopodium formation and melanoma invasion.

"MA1-19451 was used in immunohistochemistry - paraffin section to elucidate how STIM1- and Orai1-mediated calcium oscillations promote melanoma invasion"

Authors: Sun J, Lu F, He H, Shen J, Messina J, Mathew R, Wang D, Sarnaik AA, Chang WC, Kim M, Cheng H, Yang S

Species

Human
Not Applicable

Dilution

Not Cited
1:300

Year

2014

[View more WB references on thermofisher.com](#)

Immunohistochemistry (Paraffin) (1)

The Journal of cell biology

STIM1- and Orai1-mediated Ca(2+) oscillation orchestrates invadopodium formation and melanoma invasion.

"MA1-19451 was used in immunohistochemistry - paraffin section to elucidate how STIM1- and Orai1-mediated calcium oscillations promote melanoma invasion"

Authors: Sun J, Lu F, He H, Shen J, Messina J, Mathew R, Wang D, Sarnaik AA, Chang WC, Kim M, Cheng H, Yang S

Species

Human
Not Applicable

Dilution

Not Cited
1:300

Year

2014

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