BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-S100A2 Antibody

Catalog Number: M03698

About S100A2

May function as calcium sensor and modulator, contributing to cellular calcium signaling. May function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes. May also play a role in suppressing tumor cell growth.

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Overview

Product Name	Anti-S100A2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-S100A2 Antibody (Catalog # M03698). Tested in WB, IHC-P, IF application(s). This antibody reacts with Human.
Application	IF, IHC-P, WB
Clonality	Monoclonal 1592CT417.84.81
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P29034

Technical Details

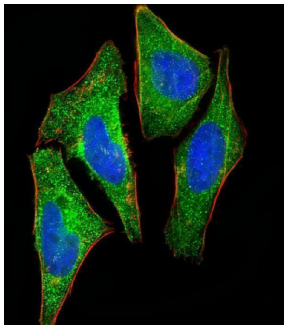
Immunogen	This S100A2 antibody is generated from a mouse immunized with a recombinant protein of human S100A2.
Predicted Reactive Species	Human, Mouse, Rat
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	IF: 1:25

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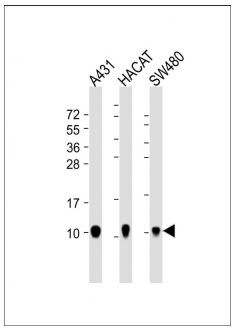
	WB: 1:4000 IHC-P: 1:25

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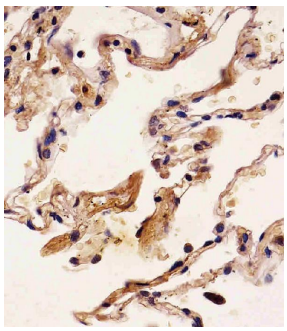
Anti-S100A2 Antibody (M03698) Images



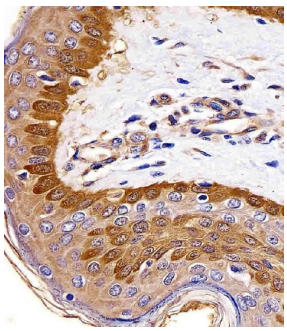
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling S100A2 with M03698 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-mouse IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm and nucleus staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1/100 dilution (red).The nuclear counter stain is DAPI (blue).



All lanes : Anti-S100A2 Antibody at 1:4000 dilutionLane 1: A431 whole cell lysateLane 2: HA), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 11 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



M03698 staining S100A2 in human lung tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



M03698 staining S100A2 in human skin tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

For Research Use Only. Not for use in diagnostic procedures.