antibodies -online.com







anti-S100A2 antibody

Images



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()Ver	view	

Quantity:	100 μL
Target:	S100A2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This S100A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

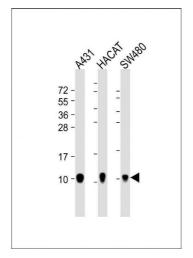
Immunogen:	This S100A2 antibody is generated from a mouse immunized with a recombinant protein of human S100A2.
Clone:	2C1
Isotype:	lgG1
Cross-Reactivity:	Human
Purification:	Purified by Protein G.

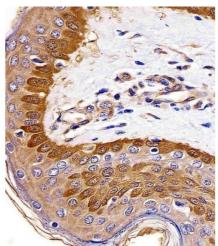
Target Details

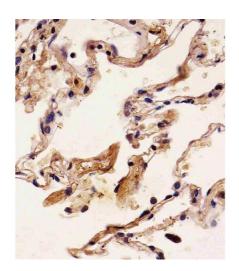
Target:	S100A2
Alternative Name:	S100A2 (S100A2 Products)

Target Details

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Background:	Synonyms: CAN19, S100L, Protein S100-A2, Protein S-100L, S100 calcium-binding protein A2, S100A2 Background: 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.
Gene ID:	6273
UniProt:	P29034
Pathways:	S100 Proteins
Application Details	
Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF()
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months







Western Blotting

Image 1. Lane 1: A431 Cell lysates, Lane 2: HACAT Cell lysates, Lane 3: SW480 Cell lysates, probed with S100A2 (1592CT417.84.81) Monoclonal Antibody, unconjugated (bsm-51330M) at 1:4000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded human skin tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with S100A2 (1592CT417.84.81) Monoclonal Antibody (bsm-51330M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Paraformaldehyde-fixed, paraffin embedded human lung tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with S100A2 (1592CT417.84.81) Monoclonal Antibody (bsm-51330M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.