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anti-S100A9 antibody (Internal Region)



Images



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Overview

Quantity:	100 μg
Target:	S100A9
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This S100A9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	S100A9
Immunogen:	C-DTNADKQLSFEEF
Sequence:	DTNADKQLSF EEF
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

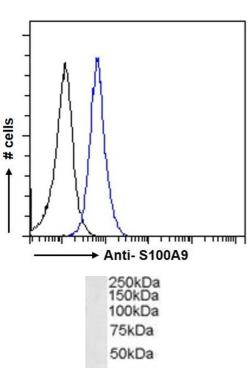
Target Details

rarget Details	
Target:	S100A9
Alternative Name:	S100A9 (S100A9 Products)
Background:	S100A9, S100 calcium binding protein A9, 60B8AG, CAGB, CFAG, CGLB, L1AG, LIAG, MAC387, MIF, MRP14, NIF, P14, S100 calcium binding protein A9 (calgranulin B), S100 calcium-binding protein A9, S100 calcium-binding protein A9 (calgranulin B), calgranulin B
Gene ID:	6280
NCBI Accession:	NP_002956
Pathways:	Transition Metal Ion Homeostasis, Positive Regulation of Endopeptidase Activity, S100 Proteins
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Lung. Recommended concentration: 2.5 µ g/mL. Western Blot: Approx 13-14 kDa band observed in Human Bone Marrow lysates and approx 14-15 kDa in Human Gastrointestinal cancer lysates (calculated MW of 13.2 kDa according to NP_002956.1). Recommended concentration: 0.5-2 µg/mL. Primary incubation 1 hour a Peptide ELISA: antibody detection limit dilution 1:8000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm and nuclei of MCF7 and U2OS cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of MCF7 cells. Recommended conc
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

Handling

Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated
	at 4°C for a few weeks and still remain viable.

Images



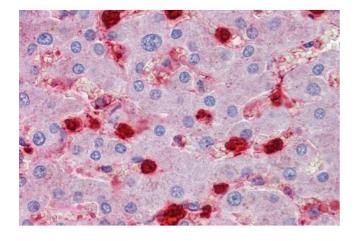
Flow Cytometry

Image 1. ABIN335161 Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 μ g/mL) followed by Alexa Fluor 488 secondary antibody (1 μ g/mL). IgG control: Unimmunized goat IgG (black line) fol

Western Blotting

Image 2. ABIN335161 (0.5μg/ml) staining of Human Peripheral Mononucleocytes lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.





Immunohistochemistry

Image 3. ABIN335161 ($2.5\mu g/ml$) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the product details page for more images. Overall 7 images are available for ABIN335161.

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