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anti-S100A9 antibody (AA 1-114)

2 Images



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Overview

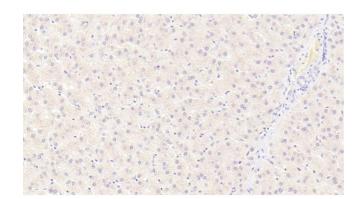
Quantity:	100 μL
Target:	S100A9
Binding Specificity:	AA 1-114
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This S100A9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to S100 Calcium Binding Protein A9 (S100A9)
Immunogen:	Recombinant S100 Calcium Binding Protein A9 (S100A9) corresdonding to Met1~Pro114 with N-terminal His Tag
Clone:	8#
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against S100A9. It has been selected for its ability to recognize S100A9 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

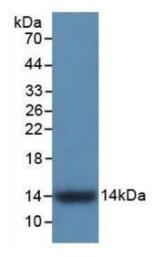
Target Details

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Target:	S100A9
Alternative Name:	S100 Calcium Binding Protein A9 (S100A9 Products)
Background:	MRP14, MIF, 60B8AG, CFAG, NIF, CAGB, CGLB, L1AG, P14, Calgranulin B, Migration inhibitory
	factor-related protein 14, Calprotectin L1H subunit, Leukocyte L1 complex heavy chain
Pathways:	Transition Metal Ion Homeostasis, Positive Regulation of Endopeptidase Activity, S100 Proteins
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of S100A9 in Human Liver Tissue using Monoclonal Antibody to S100 Calcium Binding Protein A9 (S100A9)



Western Blotting

Image 2. Detection of Recombinant S100A9, Human using Monoclonal Antibody to S100 Calcium Binding Protein A9 (S100A9)