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Datasheet for ABIN5662106
anti-S100A6 antibody (AA 1-89)

3 Images

Overview

Quantity:	100 µL
Target:	S100A6
Binding Specificity:	AA 1-89
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This S100A6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to S100 Calcium Binding Protein A6 (S100A6)
Immunogen:	Recombinant S100 Calcium Binding Protein A6 (S100A6) corresponding to Met1~Lys89 with N-terminal His Tag
Clone:	A2
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against S100A6. It has been selected for its ability to recognize S100A6 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

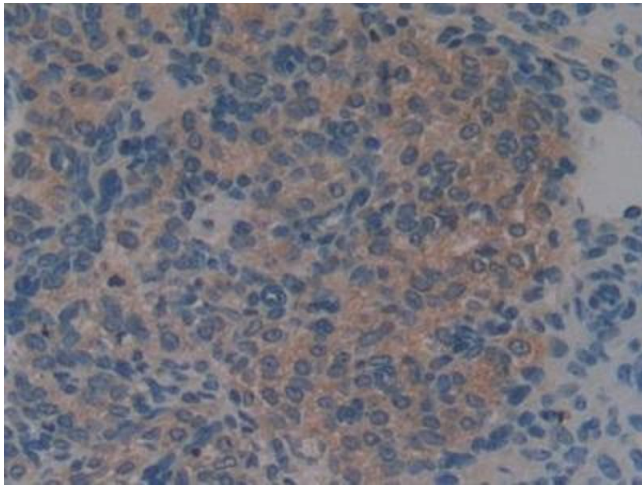
Target:	S100A6
Alternative Name:	S100 Calcium Binding Protein A6 (S100A6 Products)
Background:	S100-A6, 2A9, 5B10, CABP, CACY, PRA, MLN 4, Calcyclin, Growth factor-inducible protein 2A9, Prolactin receptor-associated protein
UniProt:	P14069
Pathways:	S100 Proteins

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 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

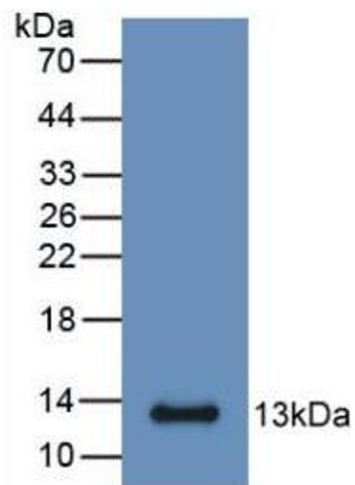
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
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



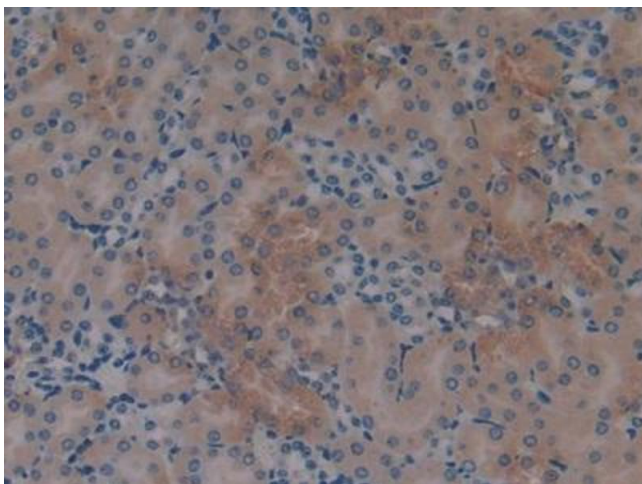
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. DAB staining on IHC-P; Samples: Mouse Ovary Tissue)



Western Blotting

Image 2. Western Blot; Sample: Recombinant S100A6, Mouse.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. DAB staining on IHC-P; Samples: Mouse Ovary Tissue)