

ARG55904 anti-S100A4 antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes S100A4
Tested Reactivity	Hu
Tested Application	IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	S100A4
Antigen Species	Human
Immunogen	Recombinant Human S100A4 protein.
Conjugation	Un-conjugated
Alternate Names	S100 calcium-binding protein A4; Placental calcium-binding protein; 42A; MTS1; FSP1; CAPL; Metastasin; Protein S100-A4; P9KA; 18A2; Protein Mts1; Calvasculin; PEL98

Application Instructions

Application table	Application	Dilution
	IP	Assay-dependent
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Calculated Mw	12 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.4), 0.03% Proclin-300 and 50% Glycerol
Preservative	0.03% Proclin-300
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 6275 Human](#)

[Swiss-port # P26447 Human](#)

Gene Symbol

S100A4

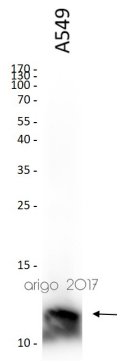
Gene Full Name

S100 calcium binding protein A4

Background

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]

Images



ARG55904 anti-S100A4 antibody WB image

Western blot: 30 μ g of A549 cell lysate stained with ARG55904 anti-S100A4 antibody at 1:500 dilution.



ARG55904 anti-S100A4 antibody IP image

Immunoprecipitation: HeLa cell lysates were immunoprecipitated and stained with ARG55904 anti-S100A4 antibody.