Product Name: S100A4 (3D10) Mouse Monoclonal Antibody
Catalog #: AMM03548

Summary

Production Name	S100A4 (3D10) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	S100A4
Alternative Names	18A2; 42A; calcium Placental protein; Calvasculin; CAPL; Fibroblast specific protein 1; Fibroblast specific protein; FSP1; Leukemia multidrug resistance associated protein; Malignant transformation suppression 1; Metastasin; MTS1; OTTHUMP00000015467; OTTHUMP00000015468; P9KA; PEL98; Placental calcium-binding protein; Protein Mts1; Protein S100 A4; Protein S100-A4; S100 calcium binding protein A4 (calcium protein; calvasculin; metastasin; murine placental homolog); S100 calcium binding protein A4; S100 calcium-binding protein A4; S100a4; S10A4_HUMAN.
Gene ID	6275
SwissProt ID	P26447.

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Dilution Ratio	WB: 1:500-1:1000 IP: 1:20
Molecular Weight	Calculated MW: 12 kDa; Observed MW: 12 kDa

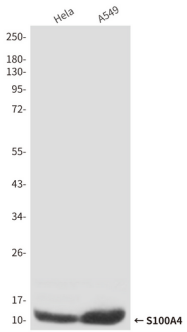
Background

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis.

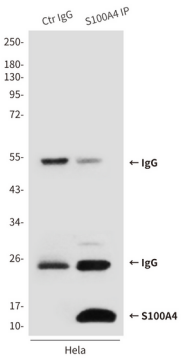
Research Area

Cardiovascular

Image Data



Western blot analysis of S100A4 in Hela and A549 lysates using S100A4 antibody.



Immunoprecipitation analysis of S100A4 (3D10) in Hela lysates using S100A4 antibody.

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Note

For research use only.