

S100A4 Antibody FITC Conjugated

Catalog No: #C04908F

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Description

Product Name	S100A4 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 5-50 101 derived from human S100A4
Conjugates	FITC
Target Name	S100A4
Other Names	42A; 18A2; CAPL; FSP1; MTS1; P9KA; PEL98; Protein S1-A4; Calvasculin; Metastasin; Placental calcium-binding protein; Protein Mts1; S1 calcium-binding protein A4; S1A4
Accession No.	Swiss-Prot#P26447NCBI Gene ID6275
Uniprot	P26447
GeneID	6275;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

S100 belongs to the family of calcium binding proteins such as calmodulin and troponin C. S100A is composed of an alpha and beta chain whereas S100B is composed of two beta chains. S100 protein is also expressed in the antigen presenting cells such as the Langerhans cells in skin and interdigitating reticulum cells in the paracortex of lymph nodes. S100A4 has been implicated in motility, invasion and tubulin polymerization. It is also involved in tumor metastasis.

Note: This product is for in vitro research use only