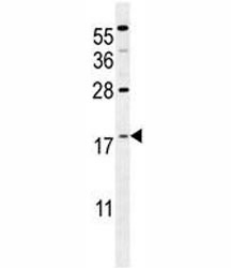
S100A4 Antibody (F41688)

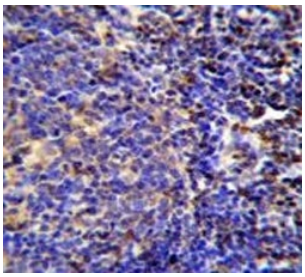
Catalog No.	Formulation	Size
F41688-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41688-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Predicted Reactivity	Bovine
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P26447
Localization	Cytoplasmic, nuclear
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This S100A4 antibody is available for research use only.



S100A4 antibody western blot analysis in mouse NIH3T3 lysate. Predicted molecular weight ~12 kDa.



S100A4 antibody immunohsitochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue.

Description

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.

Application Notes

Titration of the S100A4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for this S100A4 antibody.

Storage

Aliquot the S100A4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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