

# Product Datasheet

## S100A4 Antibody (SD200-08)

### NBP2-67740

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-67740**

S100A4 Antibody (SD200-08)

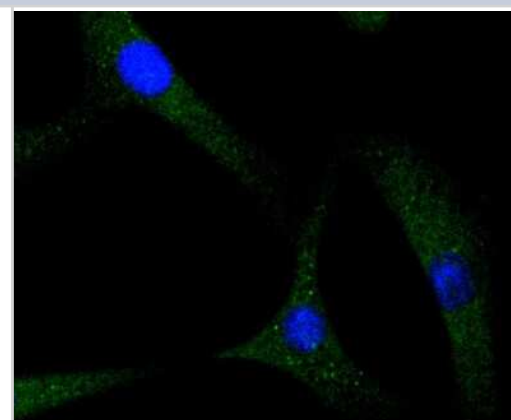
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SD200-08
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	S100A4
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human S100A4 aa 1-101 / 101. (SwissProt: P26447 Human; SwissProt: P07091 Mouse; SwissProt: P05942 Rat)

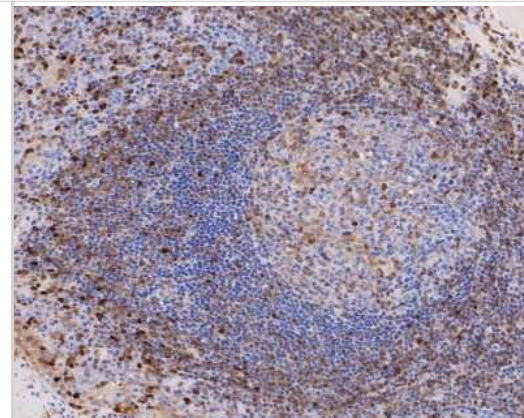
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

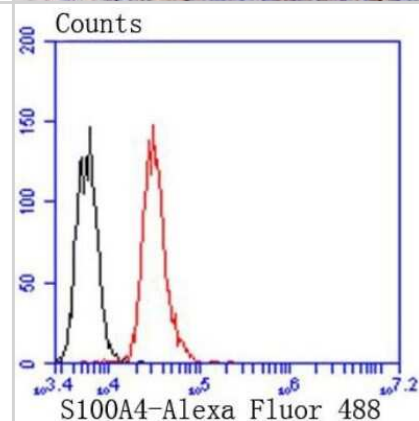
Immunocytochemistry/Immunofluorescence: S100A4 Antibody (SD200-08) [NBP2-67740] - Staining S100A4 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



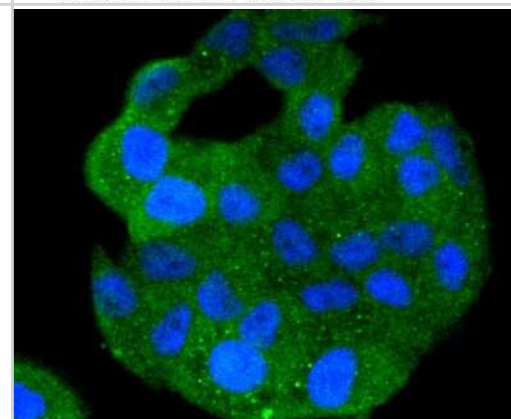
**Immunohistochemistry-Paraffin: S100A4 Antibody (SD200-08) [NBP2-67740]** - Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-S100A4 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



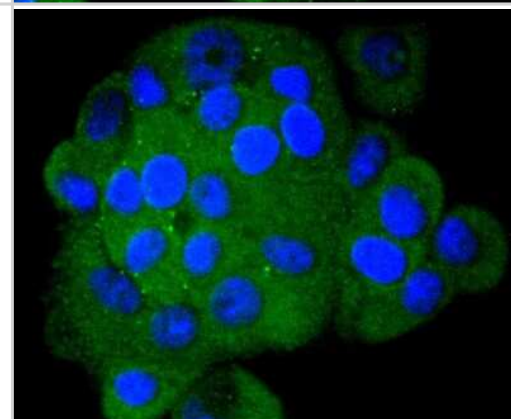
**Flow Cytometry: S100A4 Antibody (SD200-08) [NBP2-67740]** - Analysis of Jurkat cells with S100A4 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



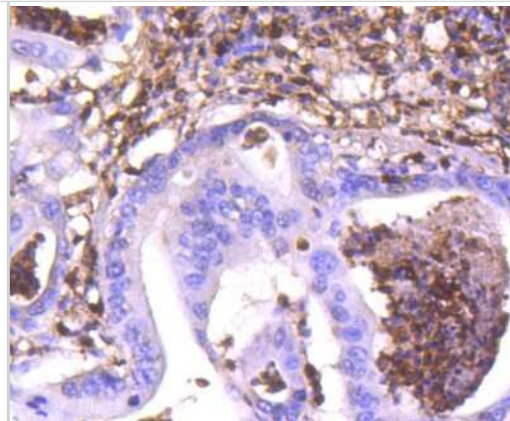
**Immunocytochemistry/Immunofluorescence: S100A4 Antibody (SD200-08) [NBP2-67740]** - Staining S100A4 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



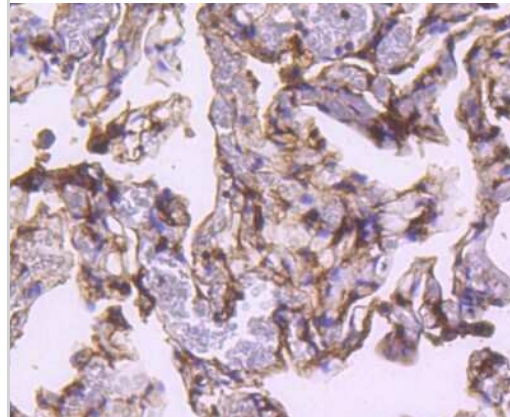
**Immunocytochemistry/Immunofluorescence: S100A4 Antibody (SD200-08) [NBP2-67740]** - Staining S100A4 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



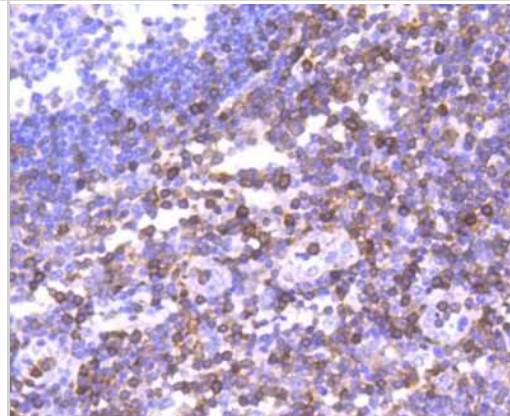
Immunohistochemistry-Paraffin: S100A4 Antibody (SD200-08) [NBP2-67740] - Analysis of paraffin-embedded human gastric carcinoma tissue using anti-S100A4 antibody. Counter stained with hematoxylin.



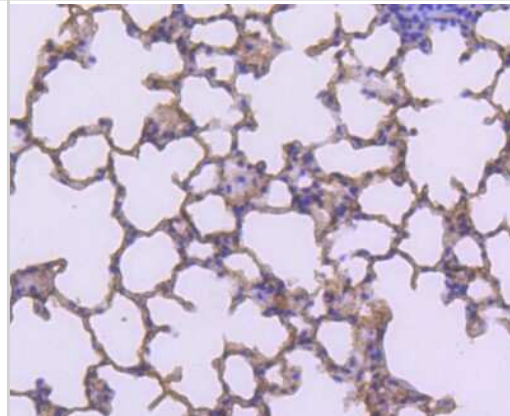
Immunohistochemistry-Paraffin: S100A4 Antibody (SD200-08) [NBP2-67740] - Analysis of paraffin-embedded human lung tissue using anti-S100A4 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: S100A4 Antibody (SD200-08) [NBP2-67740] - Analysis of paraffin-embedded human tonsil tissue using anti-S100A4 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: S100A4 Antibody (SD200-08) [NBP2-67740] - Analysis of paraffin-embedded mouse lung tissue using anti-S100A4 antibody. Counter stained with hematoxylin.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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