

# Product Datasheet

## S100A4 Antibody (CL0240) - BSA Free NBP2-52892

Unit Size: 0.1 ml

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

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**NBP2-52892**

S100A4 Antibody (CL0240) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL0240
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

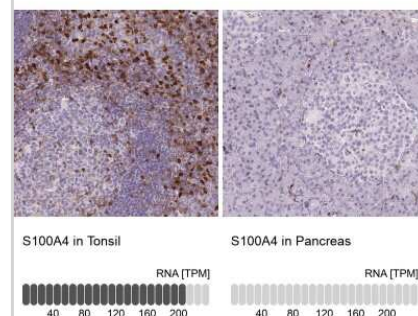
<b>Description</b>	Novus Biologicals Mouse S100A4 Antibody (CL0240) - BSA Free (NBP2-52892) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	6275
<b>Gene Symbol</b>	S100A4
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from P26447, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

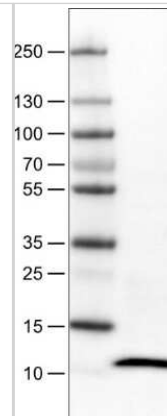
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

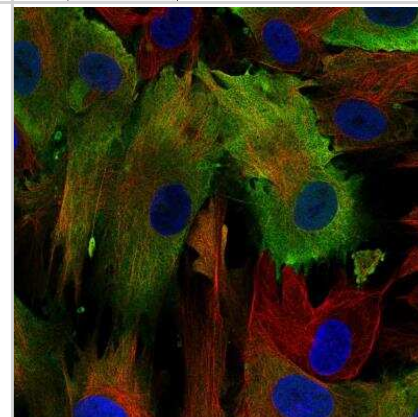
Immunohistochemistry-Paraffin: S100A4 Antibody (CL0240) [NBP2-52892] - Staining in human tonsil and pancreas tissues. Corresponding S100A4 RNA-seq data are presented for the same tissues.



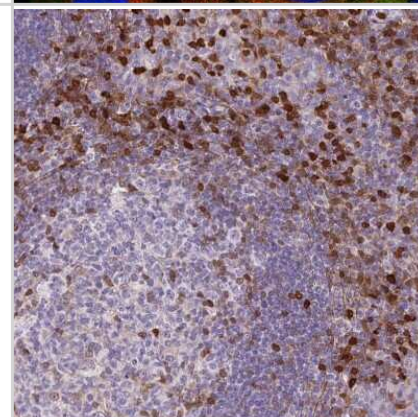
Western Blot: S100A4 Antibody (CL0240) [NBP2-52892] - Lane 1: Marker [kDa], Lane 2: Human tonsil tissue lysate



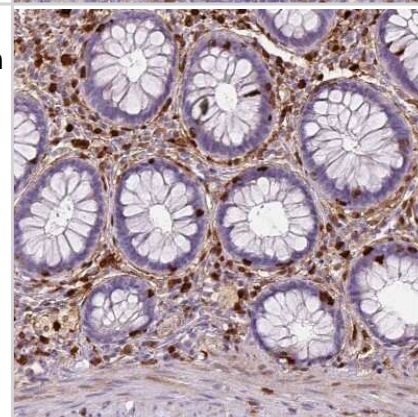
Immunocytochemistry/Immunofluorescence: S100A4 Antibody (CL0240) [NBP2-52892] - Staining of BJ cells using the anti-S100A4 monoclonal antibody, showing specific staining in the plasma membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



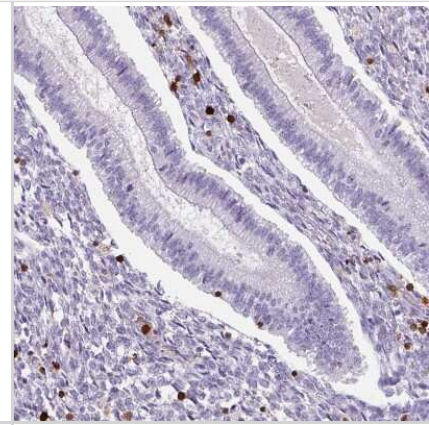
Immunohistochemistry-Paraffin: S100A4 Antibody (CL0240) [NBP2-52892] - Staining of human tonsil shows moderate to strong cytoplasmic positivity, mainly in non-germinal center cells.



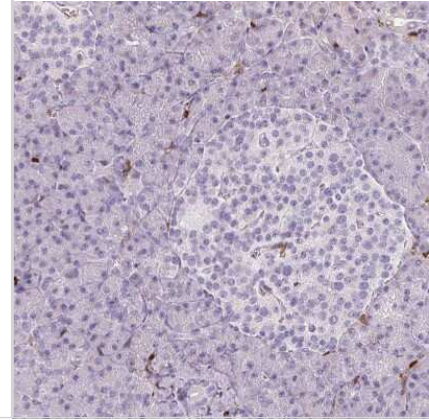
Immunohistochemistry-Paraffin: S100A4 Antibody (CL0240) [NBP2-52892] - Staining of human rectum shows strong cytoplasmic positivity in lymphoid cells.



Immunohistochemistry-Paraffin: S100A4 Antibody (CL0240) [NBP2-52892] - Staining of human endometrium shows strong cytoplasmic positivity in lymphoid cells.



Immunohistochemistry-Paraffin: S100A4 Antibody (CL0240) [NBP2-52892] - Staining of human pancreas shows no positivity in either Langerhans islets or exocrine glandular cells as expected.





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### **Products Related to NBP2-52892**

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NBP2-52892PEP	S100A4 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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