

Product Datasheet

S100A4 Antibody (CL0237) - BSA Free NBP2-52890

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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Updated 9/9/2025 v.20.1

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NBP2-52890

S100A4 Antibody (CL0237) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0237
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

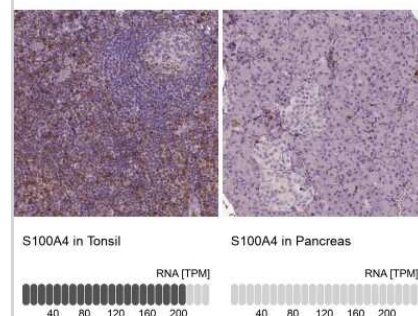
Description	Novus Biologicals Mouse S100A4 Antibody (CL0237) - BSA Free (NBP2-52890) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6275
Gene Symbol	S100A4
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from P26447, with the exact immunogen sequence remaining proprietary.

Product Application Details

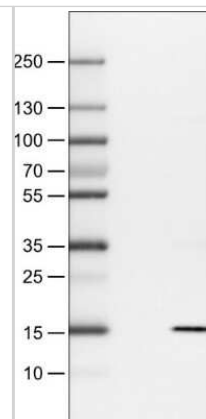
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application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

Images

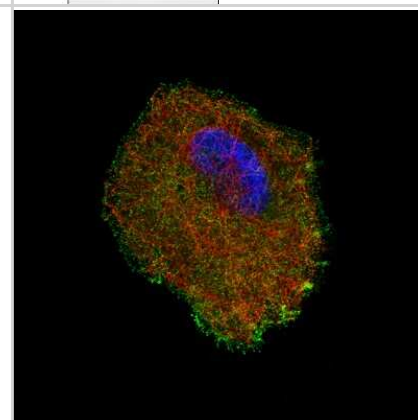
Immunohistochemistry-Paraffin: S100A4 Antibody (CL0237) [NBP2-52890] - Staining in human tonsil and pancreas tissues. Corresponding S100A4 RNA-seq data are presented for the same tissues.



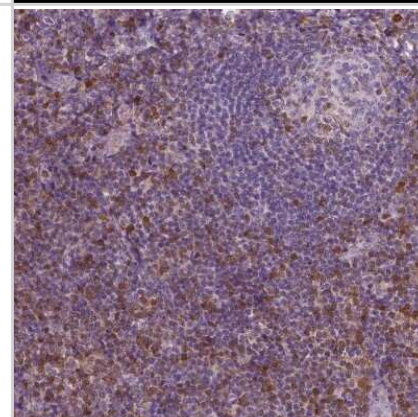
Western Blot: S100A4 Antibody (CL0237) [NBP2-52890] - Lane 1: Marker [kDa], Lane 2: Negative control (vector only transfected HEK293T lysate), Lane 3: S100A4 Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



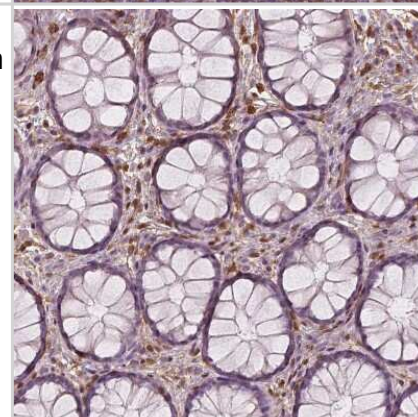
Immunocytochemistry/Immunofluorescence: S100A4 Antibody (CL0237) [NBP2-52890] - Staining of A549 cells using the Anti-S100A4 monoclonal antibody, showing specific staining in the plasma membrane and the cytosol in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



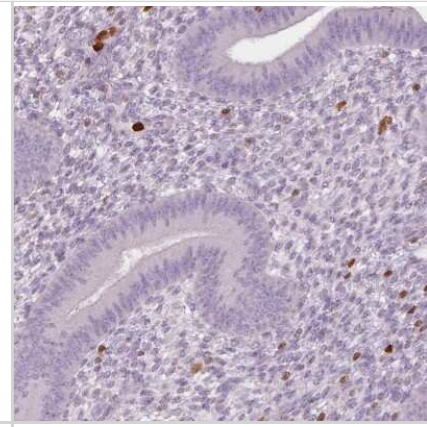
Immunohistochemistry-Paraffin: S100A4 Antibody (CL0237) [NBP2-52890] - Staining of human tonsil shows moderate to strong cytoplasmic positivity, mainly in non - germinal center cells.



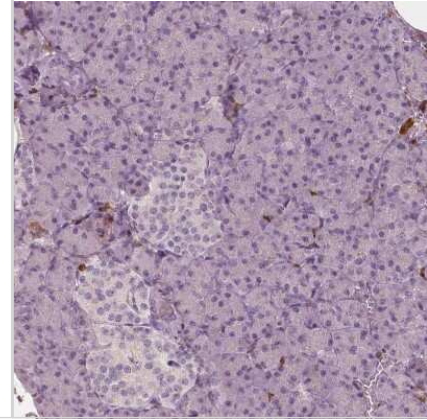
Immunohistochemistry-Paraffin: S100A4 Antibody (CL0237) [NBP2-52890] - Staining of human rectum shows strong cytoplasmic positivity in lymphoid cells.



Immunohistochemistry-Paraffin: S100A4 Antibody (CL0237) [NBP2-52890] - Staining of human endometrium shows moderate to strong cytoplasmic positivity in lymphoid cells.



Immunohistochemistry-Paraffin: S100A4 Antibody (CL0237) [NBP2-52890] - Staining of human pancreas shows no positivity in either islets of Langerhans or exocrine glandular cells as expected.





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Products Related to NBP2-52890

NBP2-52890PEP	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)

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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