

# Product Datasheet

## S100A4 Antibody (CL0239) - Azide and BSA Free NBP3-43988

Unit Size: 100 ug

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

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**NBP3-43988**

S100A4 Antibody (CL0239) - Azide and BSA Free

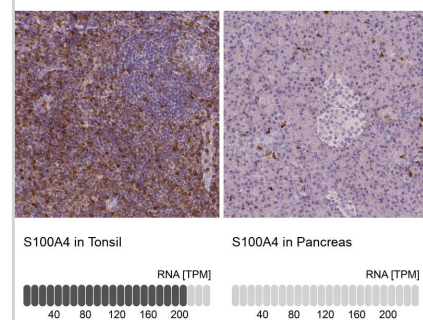
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0239
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse S100A4 Antibody (CL0239) - Azide and BSA Free (NBP2-52891) 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 generated using a recombinant protein sequence of P26447, with the exact immunogen sequence remaining proprietary.

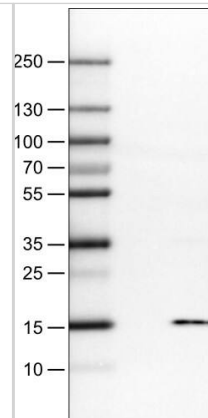
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

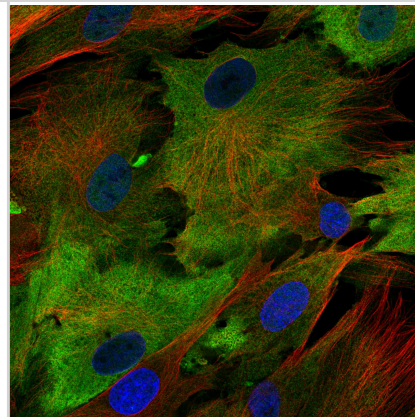
Analysis in human tonsil and pancreas tissues using NBP3-43988 antibody. Corresponding S100A4 RNA-seq data are presented for the same tissues.



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)



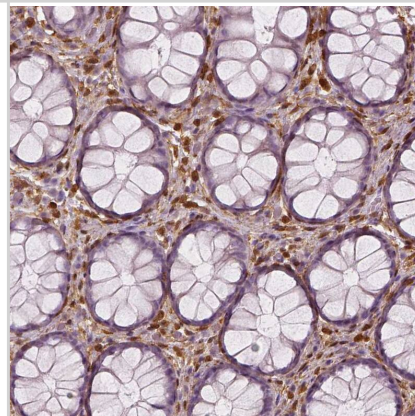
Staining of BJ cells using the anti-S100A4 monoclonal antibody .



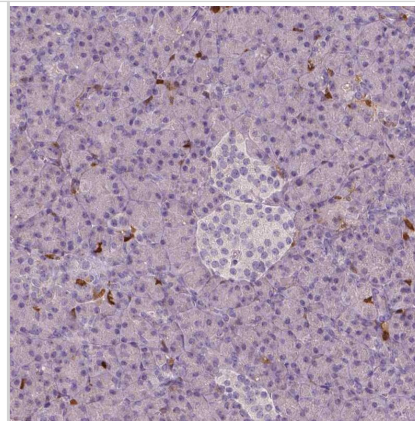
Staining of human endometrium shows strong cytoplasmic positivity in lymphoid cells.



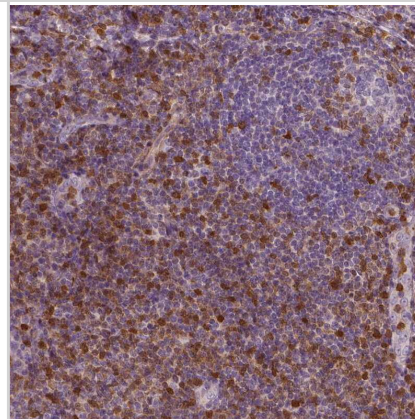
Staining of human rectum shows strong cytoplasmic positivity in lymphoid cells.



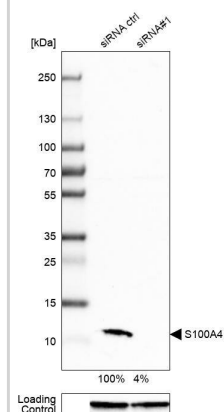
Staining of human pancreas shows no positivity in either islets of Langerhans or exocrine glandular cells as expected.



Staining of human tonsil shows strong cytoplasmic positivity, mainly in non - germinal center cells.



Analysis in A-549 cells transfected with control siRNA, target specific siRNA probe #1, using Anti-S100A4 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.





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### **Products Related to NBP3-43988**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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