

# Product Datasheet

## **S100 calcium binding protein A14 Antibody (S100A14/7402) - Azide and BSA Free NBP3-21129**

Unit Size: 100 ug

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-21129**

S100 calcium binding protein A14 Antibody (S100A14/7402) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S100A14/7402
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10mM PBS

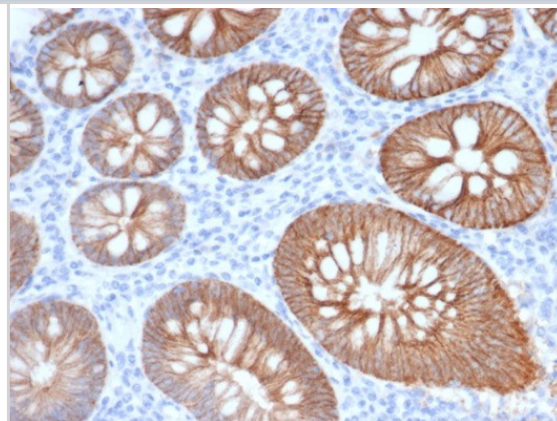
Product Description	
Description	Positive Controls: Human colon, thymus, kidney or liver.  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. Non-hazardous. No MSDS required.
Host	Mouse
Gene ID	57402
Gene Symbol	S100A14
Species	Human
Immunogen	Recombinant full-length human S100 calcium binding protein A14 protein

Product Application Details	
Applications	ELISA, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	ELISA: For coating, order antibody without BSA  Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes. at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.  Optimal dilution for a specific application should be determined.

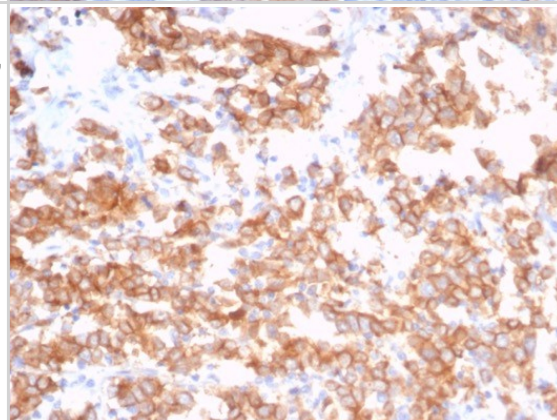


## Images

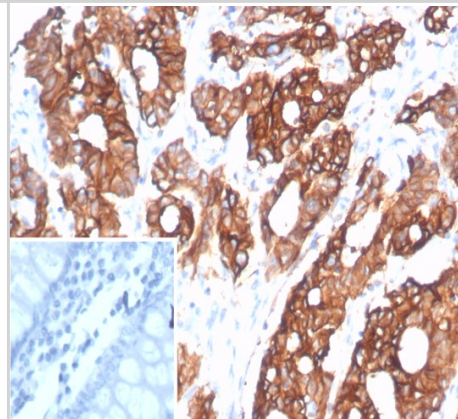
Formalin-fixed, paraffin-embedded human normal colon stained with S100 calcium binding protein A14 antibody (S100A14/7402). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human bladder stained with S100 calcium binding protein A14 antibody (S100A14/7402). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human colon carcinoma stained with S100 calcium binding protein A14 antibody (S100A14/7402). Inset: PBS instead of primary antibody; secondary only negative control.





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### **Products Related to NBP3-21129**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-51039-0.1mg	Recombinant Human S100 calcium binding protein A14 His Protein

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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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