

Product Datasheet

S100A2 Antibody (CPTC-S100A2-2) - Azide and BSA Free NBP2-79899

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-79899

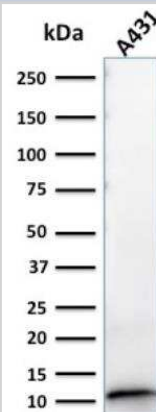
S100A2 Antibody (CPTC-S100A2-2) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CPTC-S100A2-2
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	11.12 kDa
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-79764). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	6273
Gene Symbol	S100A2
Species	Human
Immunogen	Recombinant full-length human S100A2 protein (Uniprot: P29034)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry 1-2 ug/ml, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min 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.

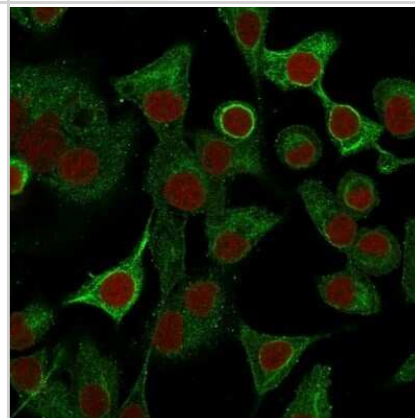


Images

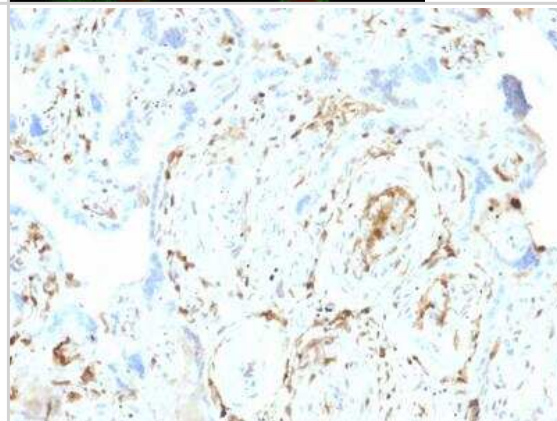
Western Blot: S100A2 Antibody (CPTC-S100A2-2) - Azide and BSA Free [NBP2-79899] - Western Blot Analysis of A431 cell lysate using S100A2 Mouse Monoclonal Antibody (CPTC-S100A2-2)



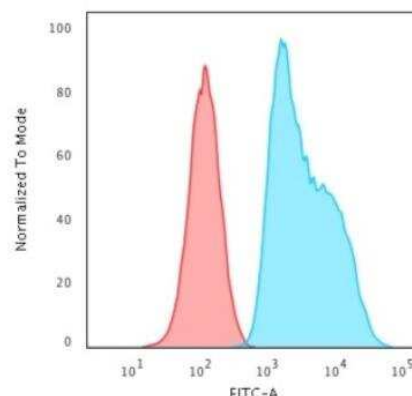
Immunocytochemistry/Immunofluorescence: S100A2 Antibody (CPTC-S100A2-2) - Azide and BSA Free [NBP2-79899] - Immunofluorescence Analysis of A549 cells labeling S100A2 with S100A2 Antibody (CPTC-S100A2-2) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is RedDot (Red)



Immunohistochemistry-Paraffin: S100A2 Antibody (CPTC-S100A2-2) - Azide and BSA Free [NBP2-79899] - Formalin-fixed, paraffin-embedded human Placenta stained with S100A2 Mouse Monoclonal Antibody (CPTC-S100A2-2).



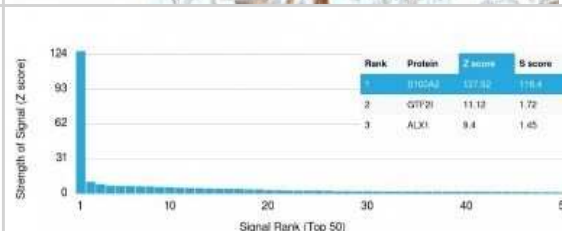
Flow Cytometry: S100A2 Antibody (CPTC-S100A2-2) - Azide and BSA Free [NBP2-79899] - Flow Cytometric Analysis of trypsinised HeLa cells. S100A2 Mouse Monoclonal Antibody (CPTC-S100A2-2) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Immunohistochemistry-Paraffin: S100A2 Antibody (CPTC-S100A2-2) - Azide and BSA Free [NBP2-79899] - Formalin-fixed, paraffin-embedded human Skin stained with S100A2 Mouse Monoclonal Antibody (CPTC-S100A2-2).



Protein Array: S100A2 Antibody (CPTC-S100A2-2) - Azide and BSA Free [NBP2-79899] - Analysis of Protein Array containing more than 19,000 full-length human proteins using S100A2 Antibody (CPTC-S100A2-2). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5.





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Products Related to NBP2-79899

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)
NBP1-51023-0.1mg	Recombinant Human S100A2 His Protein

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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