

Product Datasheet

S100A4 Antibody (S100A4/1481) - Azide and BSA Free NBP2-54580-100ug

Unit Size: 100 ug

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

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NBP2-54580-100ug

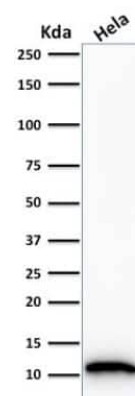
S100A4 Antibody (S100A4/1481) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S100A4/1481
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
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 (NBP2-53178). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	6275
Gene Symbol	S100A4
Species	Human, Mouse
Marker	Marker of Tumor Metastasis
Immunogen	Recombinant fragment (around aa 1-200) of human S100A4 protein (exact sequence is proprietary) (Uniprot: P26447)
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready
Recommended Dilutions	Western Blot 0.5 - 1 ug/ml, Flow Cytometry 0.5 - 1 ug/million cells, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry-Paraffin 0.25 - 0.5 ug/ml, Protein Array, Flow (Intracellular), CyTOF-ready
Application Notes	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.

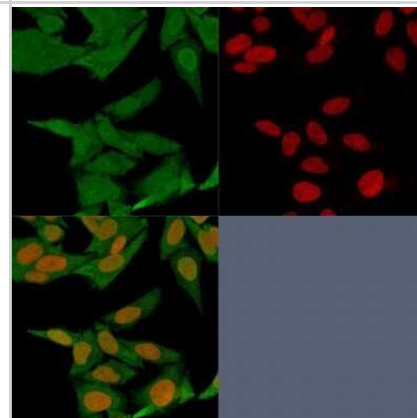


Images

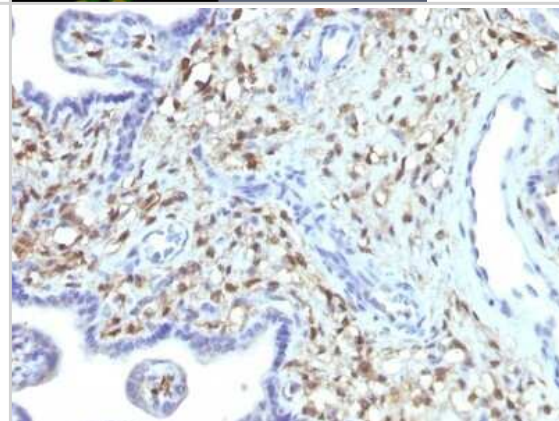
Western Blot: S100A4 Antibody (S100A4/1481) - Azide and BSA Free [NBP2-54580] - Western Blot Analysis of HeLa cell lysate using S100A4 Antibody (S100A4/1481).



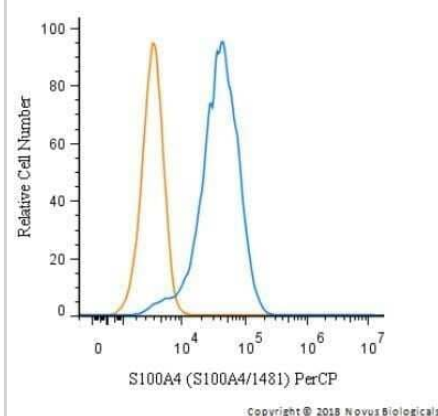
Immunocytochemistry/Immunofluorescence: S100A4 Antibody (S100A4/1481) - Azide and BSA Free [NBP2-54580] - Immunofluorescence staining of HeLa cells using S100A4 Antibody (S100A4/1481) followed by goat anti-Mouse IgG conjugated to CF488 (green). Nuclei are stained with Red Dot.



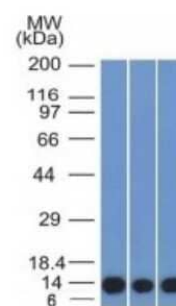
Immunohistochemistry-Paraffin: S100A4 Antibody (S100A4/1481) - Azide and BSA Free [NBP2-54580] - Formalin-paraffin human Placenta stained with S100A4 Monoclonal Antibody (S100A4/1481).



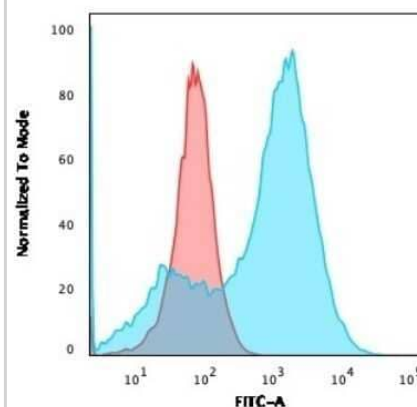
Flow (Intracellular): S100A4 Antibody (S100A4/1481) - Azide and BSA Free [NBP2-54580] - An intracellular stain was performed on HeLa cells with S100A4 Antibody (S100A4/1481) NBP2-54580PCP (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to PerCP.



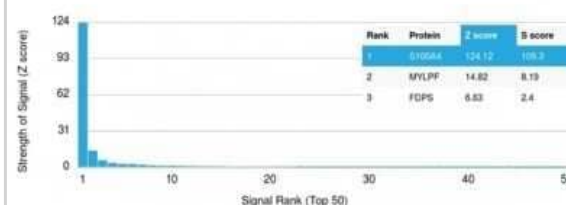
Western Blot: S100A4 Antibody (S100A4/1481) - Azide and BSA Free [NBP2-54580] - HeLa, A549 and A375 Cell Lysate using S100A4 Monoclonal Antibody (S100A4/1481).



Flow Cytometry: S100A4 Antibody (S100A4/1481) - Azide and BSA Free [NBP2-54580] - Flow Cytometric Analysis of A549 cells using S100A4 Antibody (S100A4/1481) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Protein Array: S100A4 Antibody (S100A4/1481) - Azide and BSA Free [NBP2-54580] - Analysis of Protein Array containing more than 19,000 full-length human proteins using S100A4 Antibody (S100A4/1481).



Publications

Hellinger JW, HUchel S, Goetz L et al. Inhibition of CYR61-S100A4 Axis Limits Breast Cancer Invasion Front Oncol. 2019-10-23 [PMID: 31709177] (Human)

Details:

Citation used the Alexa Fluor 488 format of this antibody.



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Products Related to NBP2-54580-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-72326-0.1mg	Recombinant Mouse S100A4 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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