

Product Datasheet

S100A6 Antibody (6B5) - Azide and BSA Free H00006277-M10

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00006277-M10

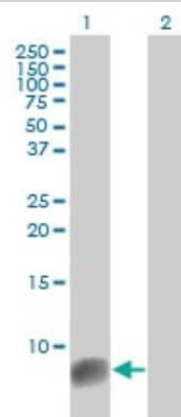
S100A6 Antibody (6B5) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6B5
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6277
Gene Symbol	S100A6
Species	Human
Specificity/Sensitivity	S100A6 - S100 calcium binding protein A6 (calcyclin)
Immunogen	S100A6 (AAH01431, 1 a.a. ~ 90 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MACPLDRAIGLLVAIFHKYSGREGDKHTLSKKELKELIQKELTIGSKLQDAEIARL MEDLDRNKDQEVNFQEYVTFLGALALIYNEALKG
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA. Use in Immunohistochemistry reported in scientific literature (PMID: 23993025).

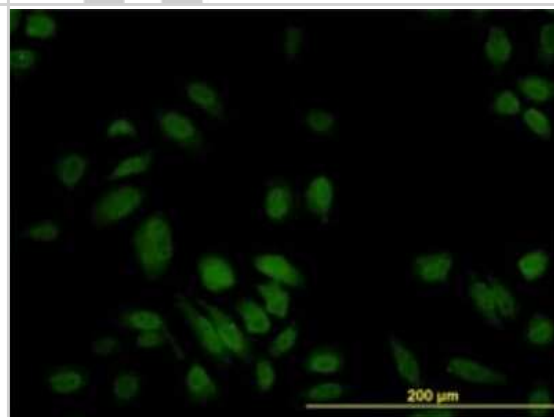


Images

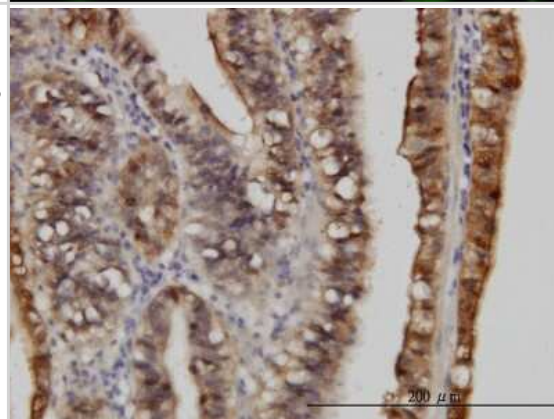
Western Blot: S100A6 Antibody (6B5) [H00006277-M10] - Analysis of S100A6 expression in transfected 293T cell line by S100A6 monoclonal antibody (M10), clone 6B5. Lane 1: S100A6 transfected lysate (10.2 KDa). Lane 2: Non-transfected lysate.



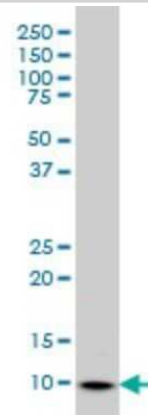
Immunocytochemistry/Immunofluorescence: S100A6 Antibody (6B5) [H00006277-M10] - Analysis of monoclonal antibody to S100A6 on HeLa cell. Antibody concentration 10 ug/ml



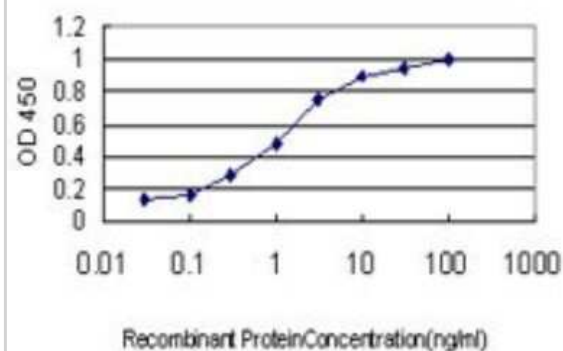
Immunohistochemistry-Paraffin: S100A6 Antibody (6B5) [H00006277-M10] - Analysis of monoclonal antibody to S100A6 on formalin-fixed paraffin-embedded human stomach carcinoma. Antibody concentration 3 ug/ml



Western Blot: S100A6 Antibody (6B5) [H00006277-M10] - Analysis of S100A6 expression in HeLa (Cat # L013V1).



ELISA: S100A6 Antibody (6B5) [H00006277-M10] - Detection limit for recombinant GST tagged S100A6 is approximately 0.03ng/ml as a capture antibody.



Publications

Li J, Riau AK, Setiawan M et al. S100A expression in normal corneal-limbal epithelial cells and ocular surface squamous cell carcinoma tissue. *Mol Vis*. 2011-08-20 [PMID: 21897749]

Chen Y, Huang K, Nakatsu MN et al. Identification of novel molecular markers through transcriptomic analysis in human fetal and adult corneal endothelial cells. *Hum Mol Genet*. 2013-01-08 [PMID: 23257286]

Zhu L, Kohda F, Nakahara T et al. Aberrant expression of S100A6 and matrix metalloproteinase 9, but not S100A2, S100A4, and S100A7, is associated with epidermal carcinogenesis. *J Dermatol Sci*. 2013-08-08 [PMID: 23993025] (IF/IHC, Human)

Zhu L, Okano S, Takahara M et al. Expression of S100 protein family members in normal skin and sweat gland tumors. *J Dermatol Sci*. 2013-06-01 [PMID: 23623205] (IHC-P, Human)

Details:

Psoriasin/HID5/S100A7 Clone 47C1068 (IMG-409A), IHC (paraffin): Normal human skin and sweat gland tumors, Figs 1k-O & 5A-G, Tables 1-3. Note: The 47C1068 S100A7 mAb was used at 10 ug/ml.



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Products Related to H00006277-M10

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)
NBP1-72338-100ug	Recombinant Mouse S100A6 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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