

Product Datasheet

S100A8 Antibody (CL11171) - Azide and BSA Free NBP3-43984

Unit Size: 100 ul

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

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NBP3-43984

S100A8 Antibody (CL11171) - Azide and BSA Free

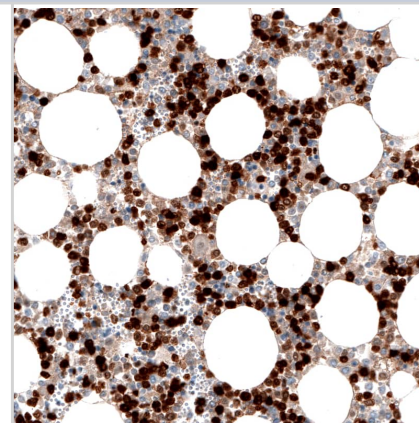
Product Information	
Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL11171
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	6279
Gene Symbol	S100A8
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P05109, with the exact immunogen sequence remaining proprietary.

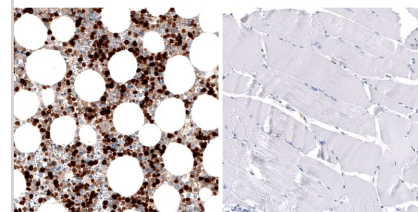
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:2000 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Staining of human bone marrow shows strong cytoplasmic positivity in hematopoietic cells.

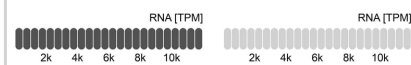


Analysis in human bone marrow and skeletal muscle tissues using NBP3-43984 antibody. Corresponding S100A8 RNA-seq data are presented for the same tissues.

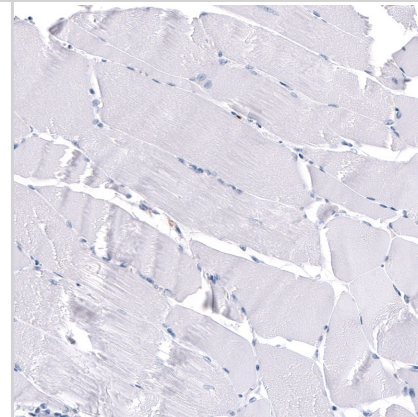


S100A8 in Bone marrow

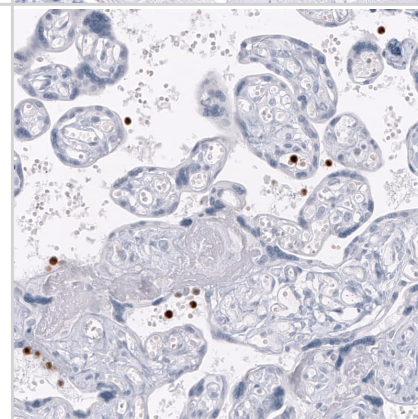
S100A8 in Skeletal muscle



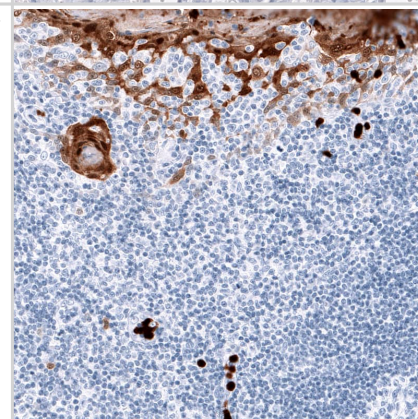
Staining of human skeletal muscle shows no positivity in myocytes as expected.



Staining of human placenta shows strong cytoplasmic positivity in a subset of lymphoid cells.



Staining of human tonsil shows moderate to strong cytoplasmic positivity in squamous epithelial cells.





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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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