

Product Datasheet

S100A9 Antibody (S100A9/1011) - BSA Free NBP2-44910-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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Updated 2/23/2025 v.20.1

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NBP2-44910-0.1mg

S100A9 Antibody (S100A9/1011) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	S100A9/1011
Preservative	0.05% Sodium Azide
Isotype	IgM Kappa
Purity	Protein L or PEG purified
Buffer	10 mM PBS
Target Molecular Weight	14 kDa

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate. Prepared in 10 mM PBS with 0.05% azide. Also available WITHOUT BSA at 1.0 mg/ml. (NBP3-11453) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	6280
Gene Symbol	S100A9
Species	Human
Marker	Macrophage Marker
Specificity/Sensitivity	Recognizes a 14kDa protein, identified as S100A9 (also known as Calgranulin B or MRP-14); expressed by granulocytes, monocytes and by tissue macrophages. The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. Altered expression of this protein is associated with the disease cystic fibrosis. This monoclonal antibody reacts with neutrophils, monocytes and macrophages, and has been shown as an important marker for identifying macrophages in tissue sections. Among cells that are now recognized as macrophages are histiocytes, Kupffer cells, osteoclasts, microglial cells, synovial type A cells, interdigitating cells, and Langerhans cells (in normal tissues) and epithelioid cells and Langerhans-type and foreign-body-type multinucleated giant cells (in inflamed tissues).
Immunogen	Recombinant human S100A9 protein (Uniprot: P06702)

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml

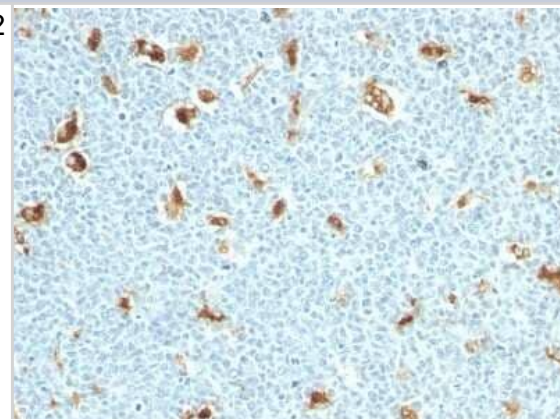


Application Notes

Immunohistochemistry (Formalin-fixed): Not suitable for frozen tissues. 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

Immunohistochemistry-Paraffin: S100A9 Antibody (S100A9/1011) [NBP2-44910] - Human Tonsil stained with S100A9 Monoclonal Antibody (S100A9/1011)





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Products Related to NBP2-44910-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96975-0.5mg	Mouse IgM Kappa Light Chain Isotype Control (MMK)
NBP1-44500	Recombinant Human S100A9 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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