

Product Datasheet

ABO, Blood Group A Antigen Antibody (HE-193) NBP2-44630-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44630-0.1mg

ABO, Blood Group A Antigen Antibody (HE-193)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	HE-193
Preservative	0.05% Sodium Azide
Isotype	IgM Kappa
Purity	Protein L or PEG purified
Buffer	10 mM PBS with 0.05% BSA

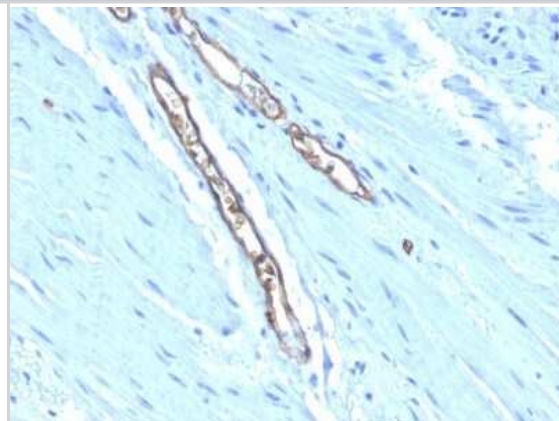
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47869) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	28
Gene Symbol	ABO
Species	Human
Reactivity Notes	Others not known.
Specificity/Sensitivity	This antibody recognizes human blood group A (monofucosyl and difucosyl A antigens with chain types 1, 2, 3, 4, 5, 6) and Forssmann antigen. Blood-group antigens are generally defined as molecules formed by sequential addition of saccharides to the carbohydrate side chains of lipids and proteins detected on erythrocytes and certain epithelial cells. The A, B and H antigens are reported to undergo modulation during malignant cellular transformation. Blood group related antigens represent a group of carbohydrate determinants carried on both glycolipids and glycoproteins. They are usually mucin-type, and are detected on erythrocytes, certain epithelial cells, and in secretions of certain individuals. Sixteen genetically and biosynthetically distinct but inter-related specificities belong to this group of antigens, including A, B, H, Lewis A, Lewis B, Lewis X, Lewis Y, and precursor type 1 chain antigens.
Immunogen	Mixture of erythrocytes of blood group A and glyco protein fraction isolated from the saliva of secretors with blood group A

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Agglutination, Immunofluorescence
Recommended Dilutions	Immunohistochemistry 1-2 ug/ml, Immunocytochemistry/ Immunofluorescence 2-4 ug/ml, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml, Agglutination
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

Immunohistochemistry-Paraffin: ABO, Blood Group A Antigen Antibody (HE-193) [NBP2-44630] - Human Colon Carcinoma stained with Blood Group Antigen A Monoclonal Antibody (HE-193)



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Products Related to NBP2-44630-0.1mg

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)
DHAPG0	Haptoglobin [HRP]

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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