

# Product Datasheet

## Lewis A Blood Group Antigen Antibody (SPM522) [DyLight 755]

**NBP3-11431IR**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11431IR**

Lewis A Blood Group Antigen Antibody (SPM522) [DyLight 755]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SPM522
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	DyLight 755
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	28
Gene Symbol	ABO
Species	Human, Mouse
Specificity/Sensitivity	Recognizes a carbohydrate determinant of Gal 1-3(Fuc 1-4) GlcNAc which is blood group antigen Lewis A. It is present primarily on epithelial cells such as colon and kidneys. In the tumors and dedifferentiated tissues, decrease of Lewis A antigen was observed. Lewis A (type 1 chain) is expressed in colonic epithelial cells and may be useful for detection of gastrointestinal tumors, pancreatic cancer, and colorectal tumors. 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	Mucins isolated from ovarian cyst fluid
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-11431IR**

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NBP1-43319IR-0.5ml	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 755]
DHAPG0	Haptoglobin [HRP]
NB100-417	Carbonic Anhydrase IX/CA9 Antibody - BSA Free
NB100-236	Glucose 6 Phosphate Dehydrogenase Antibody

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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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