

# Product Datasheet

## Lewis Y Antibody (H18A) - Azide and BSA Free NBP3-09007-0.2mg

Unit Size: 0.2 mg

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

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**NBP3-09007-0.2mg**

Lewis Y Antibody (H18A) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	H18A
<b>Preservative</b>	0.02% Proclin 300
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

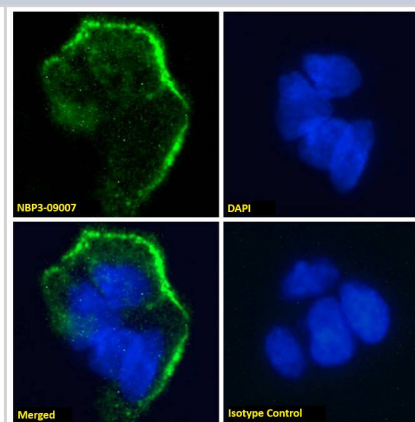
<b>Host</b>	Mouse
<b>Species</b>	Human
<b>Immunogen</b>	Lewis Y.

**Product Application Details**

<b>Applications</b>	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	The antibody binds specifically to LeY tetrasaccharide, a carbohydrate antigen expressed at the cell surface of selective carcinomas, including those of the colon, breast, ovary and lung. The monoclonal antibody may be of clinical use for the in vivo diagnosis and therapy of certain cancers.

**Images**

Immunocytochemistry /Immunofluorescence: Lewis Y Antibody (H18A) - Azide and BSA Free [NBP3-09007] - Immunofluorescence analysis of paraformaldehyde fixed Caco-2 cells on Shi-fix(TM) coverslips, permeabilized with 0.15% Triton and stained with NBP3-09007 at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom: NBP3-09007, DAPI, merged channels and an isotype control. The isotype control was stained with an unknown specificity antibody followed by Alexa Fluor(R) 488 secondary antibody.





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### **Products Related to NBP3-09007-0.2mg**

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)

### **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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