

# Product Datasheet

## CA19-9/Sialyl Lewis A Antibody (CA19.9/1390R) [FITC] NBP2-54585F

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-54585F****CA19-9/Sialyl Lewis A Antibody (CA19.9/1390R) [FITC]**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CA19.9/1390R
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	FITC
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
<b>Host</b>	Rabbit
<b>Species</b>	Human
<b>Marker</b>	GI Tumor Marker
<b>Specificity/Sensitivity</b>	CA19-9, a carbohydrate epitope expressed on a high MW (400kDa) mucin glycoprotein, is a sialyl Lewis <sup>a</sup> structure which is synthesized from type 1 blood group precursor chains and is present in individuals expressing the Lewis <sup>a</sup> and/or Lewis <sup>b</sup> blood group antigens. In normal tissues, sialyl Lewis <sup>a</sup> antigen is present in ductal epithelium of the breast, kidney, salivary gland, and sweat glands. Its expression is greatly enhanced in serum as well as in the majority of tumor cells in gastrointestinal (GI) carcinomas, including adenocarcinomas of the stomach, intestine, and pancreas. Preoperative elevated CA19-9 levels in patients with stage I pancreatic carcinoma decrease to normal values following surgery. When used serially, CA19-9 can predict recurrence of disease prior to radiographic or clinical findings. This monoclonal antibody is excellent for staining of formalin-fixed, paraffin-embedded tissues.
<b>Immunogen</b>	Purified human CA19-9/Sialyl Lewis A protein
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

Product Image: CA19-9/Sialyl Lewis A Antibody (CA19.9/1390R) [FITC] [NBP2-54585F] - Vial of FITC conjugated antibody. FITC is optimally excited at 498 nm by the Blue laser (488 nm) and has an emission maximum of 519 nm.



FITC

LASER (nm)	FILTER
Blue (488)	525/50

EXCITATION MAX (nm)	EMISSION MAX (nm)
498	519



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### **Products Related to NBP2-54585F**

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NBP2-24892	Rabbit IgG Isotype Control [FITC]
NBP2-59963-1Kit	Human CA19-9/Sialyl Lewis A ELISA Kit (Colorimetric)

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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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