

Product Datasheet

CA19-9/Sialyl Lewis A Antibody (CA19.9/1390R) NBP2-53220-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-53220-100ug

CA19-9/Sialyl Lewis A Antibody (CA19.9/1390R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	CA19.9/1390R
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	400 kDa

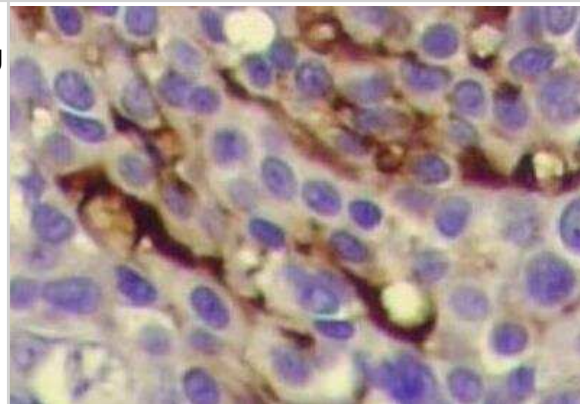
Product Description	
Description	200ug/ml of antibody purified by Protein A column. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA and azide at 1 mg/ml. (NBP2-54585) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Rabbit
Species	Human
Marker	GI Tumor Marker
Specificity/Sensitivity	CA19-9, a carbohydrate epitope expressed on a high MW (400kDa) mucin glycoprotein, is a sialyl Lewis structure which is synthesized from type 1 blood group precursor chains and is present in individuals expressing the Lewis ^a and/or Lewis ^b blood group antigens. In normal tissues, sialyl Lewis ^a 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.
Immunogen	Purified human CA19-9/Sialyl Lewis A protein

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 5-10 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 5-10ug/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.

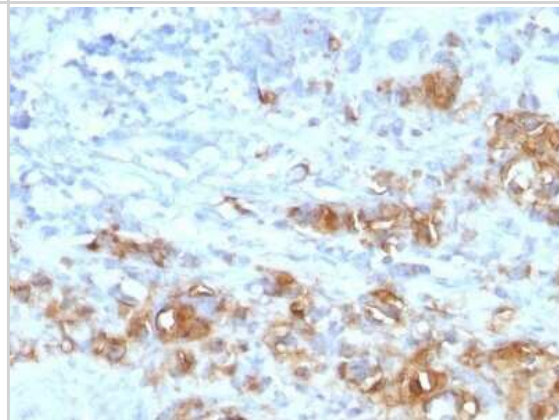


Images

Immunohistochemistry-Paraffin: CA19-9/Sialyl Lewis A Antibody (CA19.9/1390R) [NBP2-53220] - CA19-9/Sialyl Lewis A antibody staining in human ductal carcinoma. IHC-P image submitted by a verified customer review.



Immunohistochemistry-Paraffin: CA19-9/Sialyl Lewis A Antibody (CA19.9/1390R) [NBP2-53220] - Human Gastric Carcinoma stained with CA19-9 Recombinant Rabbit Monoclonal Antibody (CA19.9/1390R).



Publications

Ghaddar B, Biswas A, Harris C Et al. Tumor microbiome links cellular programs and immunity in pancreatic cancer Cancer Cell 2022-10-11 [PMID: 36220074]

Details:

Citation using the Azide and BSA Free version of this antibody.



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Products Related to NBP2-53220-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-59963-1Kit	Human CA19-9/Sialyl Lewis A ELISA Kit (Colorimetric)

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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