

Product Datasheet

CA19-9/Sialyl Lewis A Antibody (GT933) NBP3-13650

Unit Size: 100 ul

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

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NBP3-13650

CA19-9/Sialyl Lewis A Antibody (GT933)

Product Information

Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	GT933
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

Product Description

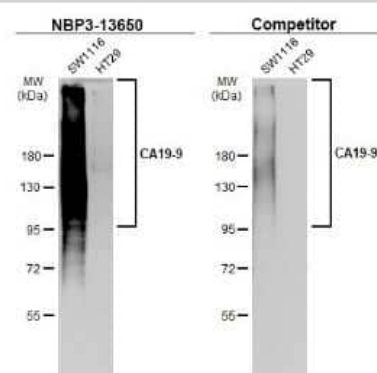
Description	Centrifuge briefly prior to opening.
Host	Mouse
Species	Non-species specific
Immunogen	The immunogen used to generate this antibody corresponds to CA19-9/Sialyl Lewis A.

Product Application Details

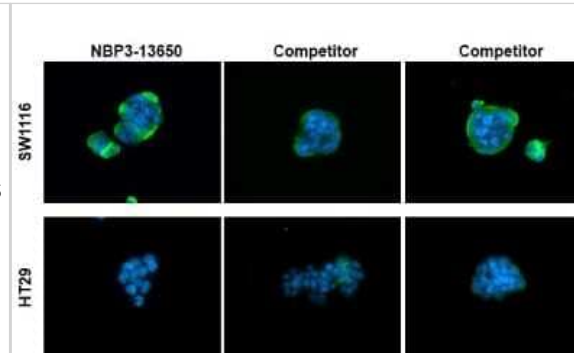
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Microarray, Sandwich ELISA
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry Assay dependent, ELISA Assay dependent, Immunohistochemistry Assay dependent, Immunocytochemistry/Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin Assay dependent, Microarray Assay dependent, Sandwich ELISA Assay dependent

Images

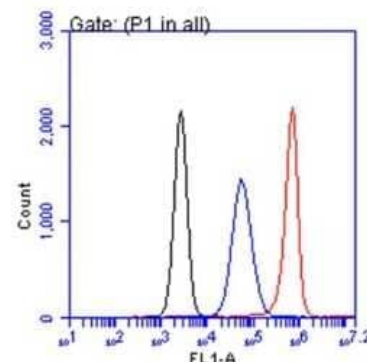
Western Blot: CA19-9/Sialyl Lewis A Antibody (GT933) [NBP3-13650] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membranes were blotted with CA19-9/Sialyl Lewis A antibody [GT933] (NBP3-13650) diluted at 1:1000 and competitor's antibody diluted at 1:250. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody.



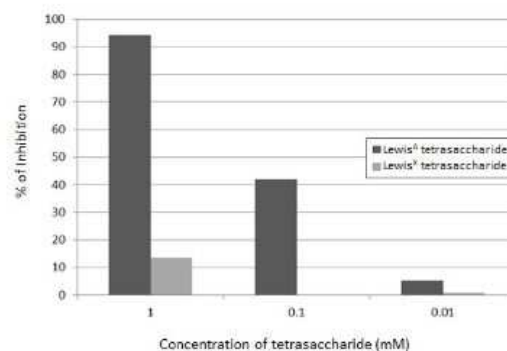
Immunocytochemistry/Immunofluorescence: CA19-9/Sialyl Lewis A Antibody (GT933) [NBP3-13650] - CA19-9/Sialyl Lewis A antibody [GT933] detects CA19-9/Sialyl Lewis A protein at cell membrane by immunofluorescent analysis. Sample: SW1116 (high expression) and HT29 (low expression) cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: CA19-9/Sialyl Lewis A stained by CA19-9/Sialyl Lewis A antibody [GT933] (NBP3-13650) diluted at 1:1000 and competitor's antibody diluted at 1:1000. Blue: Fluoroshield with DAPI.



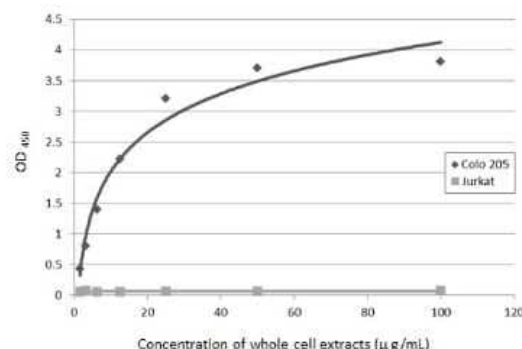
Flow Cytometry: CA19-9/Sialyl Lewis A Antibody (GT933) [NBP3-13650] - CA19-9/Sialyl Lewis A antibody [GT933] (NBP3-13650) detects CA19-9/Sialyl Lewis A by flow cytometry analysis. Sample: COLO 205 cell. Black: Unlabelled sample was used as a control. Red: CA19-9/Sialyl Lewis A antibody [GT933] (NBP3-13650) dilution: 1:50. Blue: Highly cited antibody [116-NS-19-9] dilution: 1:50. Acquisition of 20,000 events were collected for FACS analysis.



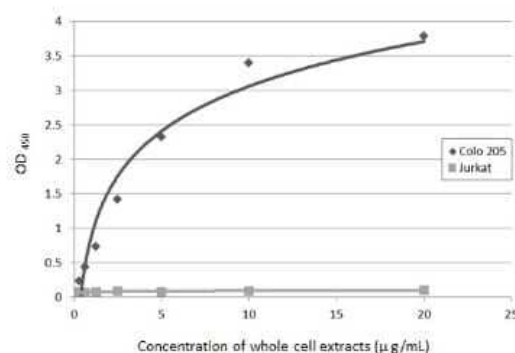
ELISA: CA19-9/Sialyl Lewis A Antibody (GT933) [NBP3-13650] - Competition analysis of CA 19-9 antibody [GT933] (NBP3-13650) (330 ng/mL) binding to immobilized recombinant HSA-CA 19-9 (coated at 3 ug/mL) in the presence of soluble Lewis A or Lewis X tetrasaccharides (1.0-0.01 mM). Bound antibody was detected by Goat Anti-Mouse IgG antibody (HRP) (NBP2-19382) (1:10000).



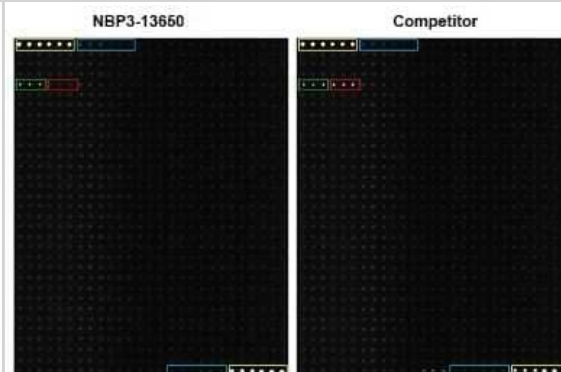
ELISA: CA19-9/Sialyl Lewis A Antibody (GT933) [NBP3-13650] - Sandwich ELISA detection of Colo 205 and Jurkat whole cell extracts using CA19-9/Sialyl Lewis A antibody [GT933] (NBP3-13650) as capture antibody at concentration of 5 ug/mL and HRP-conjugated Ca19-9 antibody [GT8510] (NBP3-13652) as detection antibody at concentration of 1 ug/mL. Please notice that NBP3-13652 needs to be conjugated to HRP to function as the detection antibody when paired with NBP3-13650. Please contact us for custom HRP-conjugated antibody.



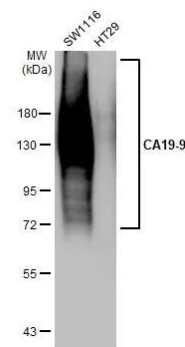
Sandwich ELISA: CA19-9/Sialyl Lewis A Antibody (GT933) [NBP3-13650] - Sandwich ELISA detection of Colo 205 and Jurkat whole cell extracts using CA19-9/Sialyl Lewis A antibody [GT8510] (NBP3-13652) as capture antibody at concentration of 5 ug/mL and HRP-conjugated CA19-9/Sialyl Lewis A antibody [GT933] (NBP3-13650) as detection antibody at concentration of 1 ug/mL. Please notice that NBP3-13650 needs to be conjugated to HRP to function as the detection antibody when paired with NBP3-13652. Please contact us for custom HRP-conjugated antibody.



Microarray: CA19-9/Sialyl Lewis A Antibody (GT933) [NBP3-13650] - CA19-9/Sialyl Lewis A antibody [GT933] specifically detects sialyl-Lewis A (Neu5Ac-; CA19-9/Sialyl Lewis A) on a glycan array. Green: sialyl-Lewis A (Neu5Ac-; CA19-9/Sialyl Lewis A). Red: Modified sialyl-Lewis A (Neu5Gc-). Yellow: Positive control. Blue: Negative control.



Western Blot: CA19-9/Sialyl Lewis A Antibody (GT933) [NBP3-13650] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CA19-9/Sialyl Lewis A antibody [GT933] (NBP3-13650) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.





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Products Related to NBP3-13650

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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