

Product Datasheet

CA125/MUC16 Antibody (X306cc) - BSA Free NB120-10032

Unit Size: 0.5 mg

Store at 4C. Do not freeze.

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NB120-10032

CA125/MUC16 Antibody (X306cc) - BSA Free

Product Information	
Unit Size	0.5 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	X306cc
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Mouse
Gene ID	94025
Gene Symbol	MUC16
Species	Human
Specificity/Sensitivity	CA125 antigen. Epitope specificity group A (ISOBM classification) similar to OC125.
Immunogen	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with CA125 antigen purified from human ovarian carcinoma (MW > 1 MDa).
Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Microarray, Sandwich ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, Simple Western 1:50, ELISA 1:100-1:2000, Microarray, Sandwich ELISA 1:100-1:2000
Application Notes	Detection of CA125 antigen. Suggested pairs for sandwich immunoassay (capture-detection): NB120-10032 (capture) with NBP2-11624 or NB600-1468 as detection. Microarray was reported in scientific literature. Use in ELISA reported in scientific literature (PMID 24257318)

Publications

Choi, M;Tichenor, AA; Regional Conjunctival Differences in Glycocalyx Mucin Expression in Dry Eye and Normal Subjects Investigative ophthalmology & visual science 2024-02-01 [PMID: 38334701]

Tang H, Partyka K, Hsueh P et al. Glycans Related to the CA19-9 Antigen Are Increased in Distinct Subsets of Pancreatic Cancers and Improve Diagnostic Accuracy Over CA19-9. CMGH. 2015-12-20 [PMID: 26998508]

The Marker State Space (MSS) method for classifying clinical samples. Fallon BP, Curnutte B, Maupin KA et al. PLoS One [PMID: 23750276] (MA, Human)

Gold DV, Newsome G, Liu D et al. Mapping PAM4 (clivatuzumab), a monoclonal antibody in clinical trials for early detection and therapy of pancreatic ductal adenocarcinoma, to MUC5AC mucin. Mol Cancer. 2013-11-20 [PMID: 24257318] (ELISA, Human)

Cao Z, Partyka K, McDonald M et al. Modulation of glycan detection on specific glycoproteins by lectin multimerization. Anal Chem 2013-02-05 [PMID: 23286506] (MiAr, Human)





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Products Related to NB120-10032

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)
M6000B-1	IL-6 [HRP]

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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