

Product Datasheet

CA125/MUC16 Antibody (X75) - BSA Free NB600-1468

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB600-1468

CA125/MUC16 Antibody (X75) - BSA Free

Product Information	
Unit Size	0.1 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	X75
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Ion exchange chromatography
Buffer	10mM Tris (pH 7.5) and 0.15M NaCl
Product Description	
Host	Mouse
Gene ID	94025
Gene Symbol	MUC16
Species	Human
Specificity/Sensitivity	CA125 antigen, epitope specificity group B (ISOBM classification) similar to M-11.
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, Sandwich ELISA
Recommended Dilutions	Western Blot 1-5 ug/ml, Sandwich ELISA 1:100-1:2000
Application Notes	Detection of CA125 antigen. Suggested pairs for sandwich immunoassay (capture-detection): NB120-10032 - NB600-1468.



Publications

K Pedram, NN Laqtom, DJ Shon, A Di Spiezio, NM Riley, P Saftig, M Abu-Remail, CR Bertozzi Lysosomal cathepsin D mediates endogenous mucin glycodomain catabolism in mammals Proceedings of the National Academy of Sciences of the United States of America, 2022-09-19;119(39):e2117105119. 2022-09-19 [PMID: 36122205]

Chongsaritsinsuk J, Steigmeyer AD, Mahoney KE et al. Glycoproteomic landscape and structural dynamics of TIM family immune checkpoints enabled by mucinase SmE Nature communications 2023-10-04 [PMID: 37794035] (WB, Human)

Details:

1:1000 WB dilution

Hosu O, Ravalli A, Piccolo GM et al. SMARTPHONE-BASED IMMUNOSENSOR FOR CA125 DETECTION. Talanta. 2017-01-27 [PMID: 28213228]

McLemore MR, Miaskowski C, Lee K et al. Differences in the Molecular Species of CA125 Across the Phases of the Menstrual Cycle. Biol Res Nurs 2015-01-07 [PMID: 25566791]

Heinzelmann-Schwarz VA et al. Overexpression of the cell adhesion molecules DDR1, Claudin 3, Ep-CAM in metaplastic ovarian epithelium ovarian cancer. Clin Cancer Res 10:4427-36. 2004-01-01 [PMID: 15240533]





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Products Related to NB600-1468

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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