

Product Datasheet

EpCAM/TROP1 Antibody (SPM134) - (ECD) - Azide and BSA Free NBP2-34398-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-34398-0.1mg

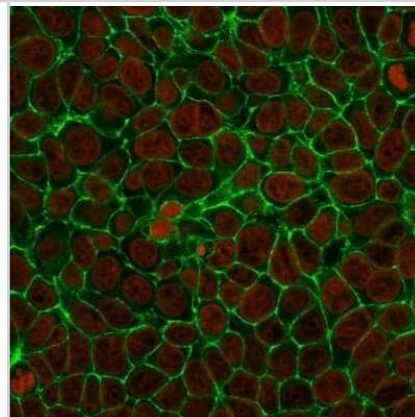
EpCAM/TROP1 Antibody (SPM134) - (ECD) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SPM134
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-34350). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	4072
Gene Symbol	EPCAM
Species	Human, Rat (Negative)
Reactivity Notes	Does not react with Rat.
Marker	Epithelial Marker
Specificity/Sensitivity	EGP40 is a 40-43kDa transmembrane epithelial glycoprotein, also identified as epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (Ep-CAM). It is expressed on baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas. This antibody has been used to distinguish adenocarcinoma from pleural mesothelioma and hepatocellular carcinoma. This antibody is also useful in distinguishing serous carcinomas of the ovary from mesothelioma.
Immunogen	Small cell lung carcinoma cells
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin/paraffin tissues REQUIRES digestion of tissue sections with pepsin at 1mg/ml Tris-HCl, pH 2.0 for 15 min at RT or 10 min at 37C. Optimal dilution for a specific application should be determined.

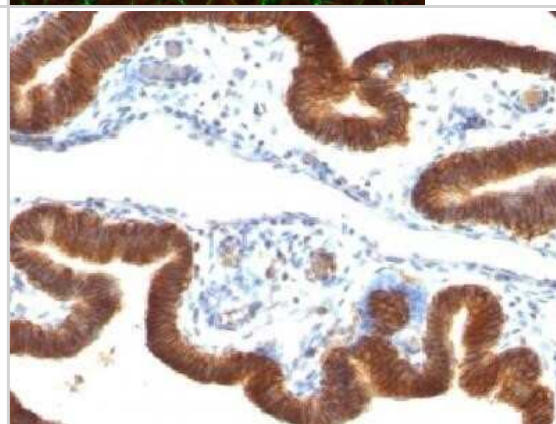


Images

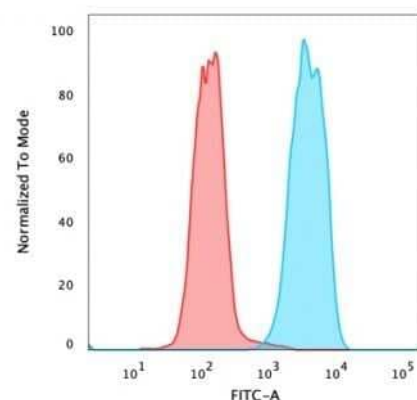
Immunocytochemistry/Immunofluorescence: EpCAM/TROP1 Antibody (SPM134) - (ECD) - Azide and BSA Free [NBP2-34398] - Immunofluorescence Analysis of MCF-7 cells labeling Ep-CAM with EpCAM/TROP1 Antibody (SPM134) followed by Goat anti-Mouse IgG-CF488(Green). The nuclear counterstain is NucSpot (Red).



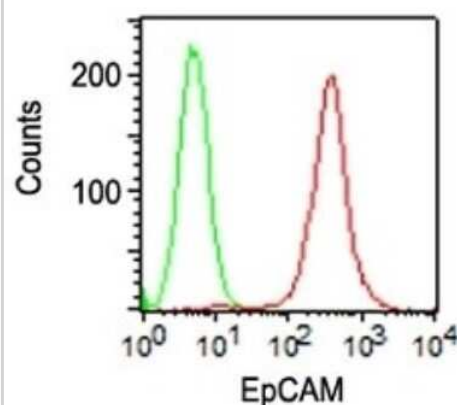
Immunohistochemistry-Paraffin: EpCAM/TROP1 Antibody (SPM134) - (ECD) - Azide and BSA Free [NBP2-34398] - Formalin-fixed, paraffin-embedded human ovarian carcinoma stained with Ep-CAM Monoclonal Antibody (SPM134).



Flow Cytometry: EpCAM/TROP1 Antibody (SPM134) - (ECD) - Azide and BSA Free [NBP2-34398] - Flow Cytometric Analysis of PFA fixed MCF-7 cells using EpCAM/TROP1 antibody (SPM134) - (ECD) followed by Goat anti-mouse IgG-CF488 (Blue); Isotype Control (Red).



Flow Cytometry: EpCAM/TROP1 Antibody (SPM134) - (ECD) - Azide and BSA Free [NBP2-34398] - Flow Cytometry of HT29 cells. Black: cells alone; Green: Isotype Control; Red: PE-labeled EpCAM/TROP1 Monoclonal Antibody (SPM134).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-34398-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-52190-0.05mg	Recombinant Human EpCAM/TROP1 His Protein

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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