

Product Datasheet

TROP-2 Antibody (MM0588-49D6) - Azide and BSA Free NBP2-11982

Unit Size: 0.1 mg

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

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Publications: 2

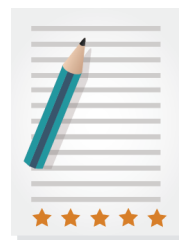
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NBP2-11982

TROP-2 Antibody (MM0588-49D6) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MM0588-49D6
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterilized PBS to a final concentration of 0.5 mg/ml.
Isotype	IgG2
Purity	Protein G purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS. 0.025 mg size is provided in liquid form, PBS

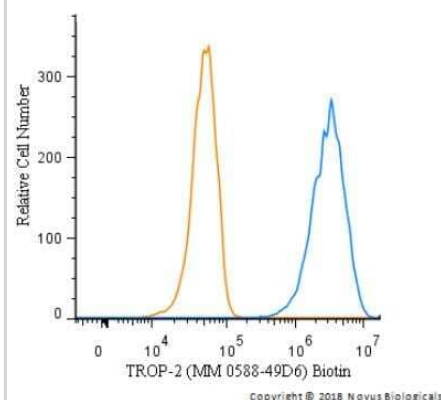
Product Description	
Host	Mouse
Gene ID	4070
Gene Symbol	TACSTD2
Species	Human
Immunogen	Human recombinant TROP-2

Product Application Details	
Applications	Western Blot, Flow Cytometry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:200, CyTOF-ready
Application Notes	This antibody is Cytof ready.

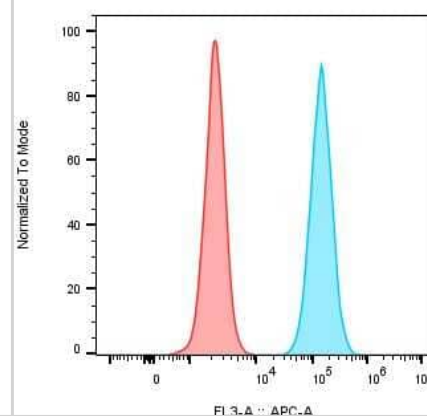


Images

Flow Cytometry: TROP-2 Antibody (MM0588-49D6) [NBP2-11982] - An intracellular stain was performed on A431 cells with TROP-2 Antibody [MM0588-49D6] NBP2-11982B (blue) and a matched isotype control (orange). Both antibodies were conjugated to Biotin. Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature, followed by Streptavidin - R-Phycoerythrin Protein (2012-1000, Novus Biologicals).



Flow Cytometry: Mouse Monoclonal TROP-2 Antibody (MM0588-49D6) [NBP2-11982] - Detection of human TROP-2 on A431 epidermoid carcinoma cells. A431 cells were treated with the TROP-2 AF647 antibody (catalog # NBP2-11982AF647) (BLUE) or mouse IgG2 AF647 isotype control antibody (RED). Image from a verified customer review.



Publications

Crovetti B, Maktabi MA, Erfani H et al. Circulating trophoblast numbers as a potential marker for pregnancy complications Prenatal Diagnosis 2022-08-01 [PMID: 35765264]

Vossaert L, Wang Q, Salman R et al. Validation Studies for Single Circulating Trophoblast Genetic Testing as a Form of Noninvasive Prenatal Diagnosis Am. J. Hum. Genet. 2019-11-26 [PMID: 31785788] (Human)

Details:
The biotin conjugated of the HLA G Antibody (G233), NB110-55298, was used for trophoblast enrichment.



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Products Related to NBP2-11982

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-11982AF647	TROP-2 Antibody (MM0588-49D6) [Alexa Fluor® 647]
NBP3-18209	Recombinant Mouse TROP-2 His (C-Term) 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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