

Product Datasheet

TGF-alpha Antibody (tAb2) - Chimeric - Azide and BSA Free NBP2-81082-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

www.novusbio.com



technical@novusbio.com

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NBP2-81082-0.2mg

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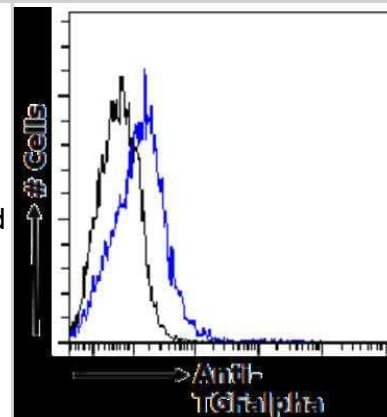
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	tAb2
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	7039
Gene Symbol	TGFA
Species	Human
Specificity/Sensitivity	tAb2 binds the N-terminal sequence of TGF-alpha, VVSHFND (with residues 4 to 7 being the minimal binding epitope).
Immunogen	Biologically active hemocyanin-coupled human TGF-alpha.

Product Application Details	
Applications	Dot Blot, ELISA, Flow Cytometry
Recommended Dilutions	Flow Cytometry, ELISA, Dot Blot
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques. Human transforming growth factor alpha (TGFA) consists of 50 amino acid residues with three disulphide bridges. It belongs to the family of epidermal growth factor related peptides and binds to EGFreceptor. It is involved in cell proliferation in healthy cells and is found in various cancer cells. Transfection of Fibroblasts with the TGFA gene induces tumor formation.

Images

Flow Cytometry: TGF-alpha Antibody (tAb2) [NBP2-81082] - Flow-cytometry using the [NBP2-81082]. Human peripheral blood leukocytes were fixed using 2% PFA, permeabilised using 0.5% Triton and stained with unimmunized rabbit IgG antibody (isotype control, black line) or the rabbit IgG-chimeric version of tAb2 (NBP2-81082, blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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 NBP2-81082-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-36432-100ug	Human TGF-alpha Recombinant Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]

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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