

Product Datasheet

TGF-alpha Antibody (SPM542) - Azide and BSA Free NBP2-34418-0.1mg

Unit Size: 0.1 mg

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

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NBP2-34418-0.1mgTGF- α Antibody (SPM542) - 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	SPM542
Preservative	No Preservative
Isotype	IgM Kappa
Purity	Protein L or PEG purified
Buffer	10 mM PBS
Target Molecular Weight	6 kDa

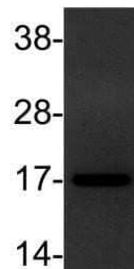
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-34371). Antibody with azide - store at 2 to 8C.
Host	Mouse
Gene ID	7039
Gene Symbol	TGFA
Species	Human, Rabbit, Zebrafish
Specificity/Sensitivity	This antibody reacts with the TGF α and shows no cross-reaction with EGF and the neuropeptide synenkephalin. The staining with this monoclonal antibody is completely blocked by the peptide used for raising this antibody. TGF (aa50) is a growth factor with 33% homology to EGF, binds to EGFR, activates tyrosine phosphorylation of the receptor, and stimulates cell proliferation. It plays a role in tumor initiation by inducing the reversible transformed phenotype.
Immunogen	A 10-amino acid synthetic peptide (aa34-43; PPVAAAVVSH) from human TGF- α (Uniprot: P01135)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2ug/ml, Immunohistochemistry-Paraffin 1-2ug/ml, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. The staining with this MAb is completely blocked by the peptide used for raising this antibody. Optimal dilution for a specific application should be determined.

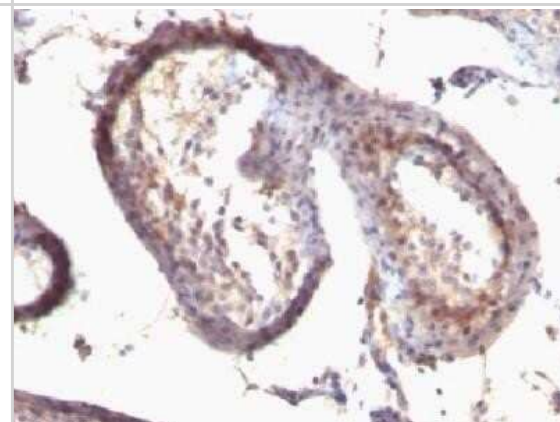


Images

Western Blot: TGF-alpha Antibody (SPM542) - Azide and BSA Free [NBP2-34418] - analysis of lysate from HEK293 cells (30ug) using anti-TGF alpha antibody. Image from verified customer review.



Immunohistochemistry-Paraffin: TGF-alpha Antibody (SPM542) - Azide and BSA Free [NBP2-34418] - Formalin-fixed, paraffin-embedded human testicular carcinoma stained with TGF alpha Monoclonal Antibody (SPM542)





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Products Related to NBP2-34418-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96975-0.5mg	Mouse IgM Kappa Light Chain Isotype Control (MMK)
NBP2-36432-100ug	Human TGF-alpha Recombinant 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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