

# Product Datasheet

## TGF-alpha Antibody (SPM357) [Janelia Fluor® 549] NBP3-08270JF549

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08270JF549**

TGF-alpha Antibody (SPM357) [Janelia Fluor® 549]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SPM357
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Janelia Fluor 549
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	7039
Gene Symbol	TGFA
Species	Human, Mouse, Rat, Bovine
Specificity/Sensitivity	This antibody reacts with the C-terminus of TGF alpha and shows no cross-reaction with EGF and the neuropeptide synenkephalin. The staining with Ab-1 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 17-amino acid synthetic peptide from the carboxyl-terminus of rat TGF-alpha (Uniprot: P01135)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP3-08270JF549**

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NBP2-36432-100ug	Human TGF-alpha Recombinant Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
239-A-100	TGF-alpha
210-TA-005	TNF-alpha [Unconjugated]

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### **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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