

Product Datasheet

TGF-beta Antibody (1D11.16.8) [mFluor Violet 450 SE] NBP2-45137MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-45137MFV450

TGF-beta Antibody (1D11.16.8) [mFluor Violet 450 SE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	1D11.16.8
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	mFluor Violet 450 SE
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	7040
Gene Symbol	TGFB1
Species	Human, Mouse, Rat, Bovine, Canine, Hamster, Monkey
Specificity/Sensitivity	This MAb recognizes TGF beta 1, 2 and 3. Three TGF betas have been identified in mammals. TGFbeta1, TGFbeta2 and TGFbeta3 are each synthesized as precursor proteins that are very similar in that each is cleaved to yield a 112 amino acid polypeptide that remains associated with the latent portion of the molecules. Biologically active TGFbeta requires dimerization of the monomers (usually homodimers) and release of the latent peptide portion. Overall, the mature region of the TGFbeta3 protein has approximately 80% identity to the mature region of both TGFbeta1 and TGFbeta2. However, the NH2 terminals or precursor regions of their molecules share only 27% sequence identity. TGFbeta's inhibit the growth of epithelial cells and stimulate the growth of mesenchymal cells.
Immunogen	Bovine bone-derived TGF-beta 1 and TGF-beta 2
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Product Application Details	
Applications	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA, ELISA Capture (Matched Antibody Pair)
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA, ELISA Capture (Matched Antibody Pair)
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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