

Product Datasheet

TGF-beta Antibody (1D11.16.8) [Alexa Fluor™ Plus 647] NBP2-45137AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-45137AFP647

TGF-beta Antibody (1D11.16.8) [Alexa Fluor™ Plus 647]

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	Alexa Fluor Plus 647
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 MA b 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
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Product Application Details

Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, 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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Products Related to NBP2-45137AFP647

7754-BH-005/CF	TGF-beta 1 [Unconjugated]
236-EG-200	EGF [Unconjugated]
210-TA-005	TNF-alpha [Unconjugated]
M6000B-1	IL-6 [HRP]

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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