

For Research Use Only

TGFB2/TGF-beta 2 Recombinant antibody, PBS Only

Catalog Number:83167-5-PBS



Basic Information

Catalog Number: 83167-5-PBS	GenBank Accession Number: NM_003238	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7042	CloneNo.: 230461F5
Source: Rabbit	UNIPROT ID: P61812	
Isotype: IgG	Full Name: transforming growth factor, beta 2	
	Calculated MW: 48 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, FC (Intra), ELISA

Species Specificity:
human

Background Information

Transforming growth factor beta-2 (TGFB2), also named G-TSF, BSC-1 cell growth inhibitor, Polyergin and Cetermin, belongs to the TGF-beta family. TGFB2 is a secreted protein and contains a 19aa signal peptides at its N-terminal. Heterodimers with TGFB1 and with TGFB2 have been found in bone. It was proved to have suppressive effects on interleukin-2 dependent T-cell growth.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

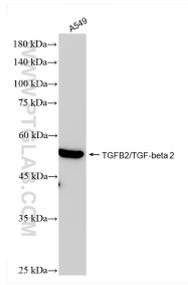
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

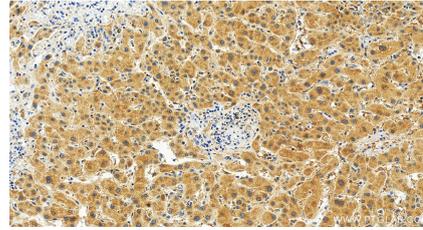
E: proteintech@ptglab.com
W: ptglab.com

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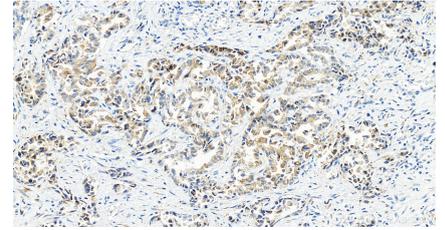
Selected Validation Data



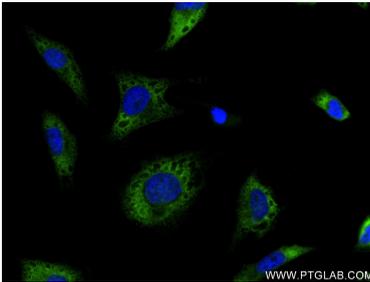
A549 cells were subjected to SDS PAGE followed by western blot with 83167-5-RR (TGFβ2/TGF-beta 2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83167-5-PBS in a different storage buffer formulation.



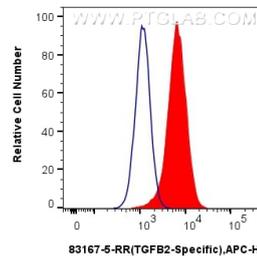
Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 83167-5-RR (TGFβ2/TGF-beta 2 antibody) at dilution of 1:250 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83167-5-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 83167-5-RR (TGFβ2/TGF-beta 2 antibody) at dilution of 1:250 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83167-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TGFβ2-Specific antibody (83167-5-RR, Clone: 230461F5) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 83167-5-PBS in a different storage buffer formulation.



1×10^6 A549 cells were intracellularly stained with 0.25 μ g Tgfb2-Specific Recombinant Antibody (83167-5-RR, Clone:230461F5) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83167-5-PBS in a different storage buffer formulation.