

For Research Use Only

TGFB2/TGF-beta 2 Recombinant antibody

Catalog Number: 83167-5-RR



Basic Information

Catalog Number: 83167-5-RR	GenBank Accession Number: NM_003238	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 7042	CloneNo.: 230461F5
Source: Rabbit	UNIPROT ID: P61812	Recommended Dilutions: WB 1:500-1:2000 IHC 1:125-1:500 IF/ICC 1:125-1:500
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	Positive Controls: WB : A549 cells, IHC : human intrahepatic cholangiocarcinoma tissue, IF/ICC : HeLa cells,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

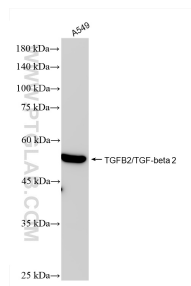
T: 4006900926

E: Proteintech-CN@ptglab.com

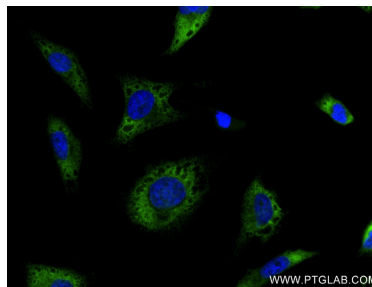
W: ptgcn.com

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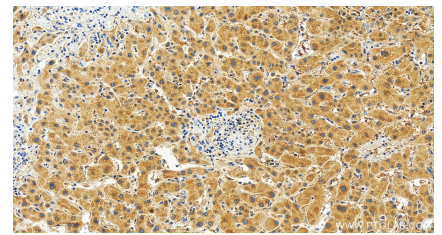
Selected Validation Data



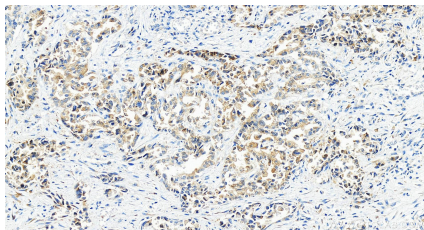
A549 cells were subjected to SDS PAGE followed by western blot with 83167-5-RR (TGFB2/TGF-beta 2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



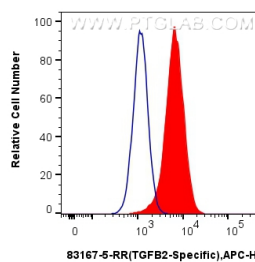
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TGFB2-Specific antibody (83167-5-RR, Clone: 230461F5) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 83167-5-RR (TGFB2/TGF-beta 2 antibody) at dilution of 1:250 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 83167-5-RR (TGFB2/TGF-beta 2 antibody) at dilution of 1:250 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ A549 cells were intracellularly stained with 0.25 ug Tgfb2-Specific Recombinant Antibody (83167-5-RR, Clone:230461F5) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).