

For Research Use Only

# TGFB2-Specific Recombinant antibody



Catalog Number:83167-5-RR

## Basic Information

<b>Catalog Number:</b> 83167-5-RR	<b>GenBank Accession Number:</b> NM_003238	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 7042	<b>CloneNo.:</b> 230461F5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P61812	<b>Recommended Dilutions:</b> IF 1:125-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> transforming growth factor, beta 2	
	<b>Calculated MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, ELISA, FC (Intra)	<b>Positive Controls:</b> IF : HeLa cells,
<b>Species Specificity:</b> 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 -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:

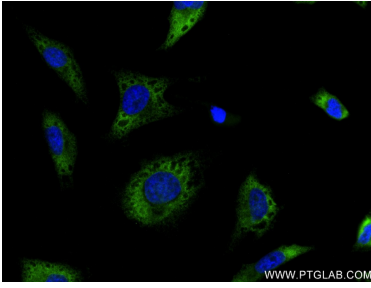
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

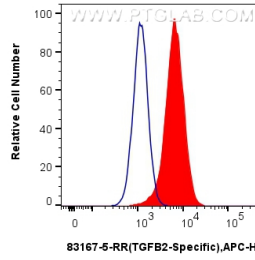
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TGF $\beta$ 2-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).



1x10<sup>6</sup> A549 cells were intracellularly stained with 0.25  $\mu$ g Tgf $\beta$ 2-Specific Recombinant Antibody (83167-5-RR, Clone:230461F5) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).