

TIF1 gamma Antibody FITC Conjugated

Catalog No: #C04796F

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	TIF1 gamma Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 980-1030 1127 derived from human TIF1 gamma
Conjugates	FITC
Target Name	T1 gamma
Other Names	ECTO; PTC7; RFG7; TF1G; TIF1G; TIFGAMMA; TIF1GAMMA; E3 ubiquitin-protein ligase TRIM33; Ectodermin homolog; RET-fused gene 7 protein; Protein Rfg7; Transcription intermediary factor 1-gamma; TIF1-gamma; Tripartite motif-containing protein 33; TRIM33; KIAA1113
Accession No.	Swiss-Prot#Q9UPN9NCBI Gene ID51592
Uniprot	Q9UPN9
GeneID	51592;
Excitation Emission	494nm 518nm
Cell Localization	Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Acts as an E3 ubiquitin-protein ligase. Promotes SMAD4 ubiquitination, nuclear exclusion and degradation via the ubiquitin proteasome pathway. According to PubMed:16751102, does not promote a decrease in the level of endogenous SMAD4. May act as a transcriptional repressor. Inhibits the transcriptional response to TGF-beta BMP signaling cascade. Plays a role in the control of cell proliferation. Its association with SMAD2 and SMAD3 stimulates erythroid differentiation of hematopoietic stem progenitor (By similarity). Monoubiquitinates SMAD4 and acts as an inhibitor of SMAD4-dependent TGF-beta BMP signaling cascade (Monoubiquitination of SMAD4 hampers its ability to form a stable complex with activated SMAD2 3 resulting in inhibition of TGF-beta BMP signaling cascade).

Note: This product is for in vitro research use only