



[Go to Product page](#)

Datasheet for ABIN701145
anti-TRIM33 antibody (AA 981-1127) (Cy5.5)

Overview

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity: | 100 µL |
| Target: | TRIM33 |
| Binding Specificity: | AA 981-1127 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TRIM33 antibody is conjugated to Cy5.5 |
| Application: | Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|----------------------------------------------------------------|
| Immunogen: | KLH conjugated synthetic peptide derived from human TIF1 gamma |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Dog,Cow,Pig,Horse,Chicken |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|----------------------------------------------|
| Target: | TRIM33 |
| Alternative Name: | T1 gamma (TRIM33 Products) |

Target Details

Background: Synonyms: 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

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).

Gene ID: 51592

UniProt: [Q9UPN9](#)

Application Details

Application Notes: FCM 1:20-100
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months