

## TRIM25 Rabbit monoclonal antibody

Catalog: MB66399

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

Functions as a ubiquitin E3 ligase and as an ISG15 E3 ligase .

Involved in innate immune defense against viruses by mediating ubiquitination of DDX58 and IFIH1.

Mediates 'Lys-63'-linked polyubiquitination of the DDX58 N-terminal CARD-like region and may play a role in signal transduction that leads to the production of interferons in response to viral infection.

Mediates 'Lys-63'-linked polyubiquitination of IFIH1.

Promotes ISGylation of 14-3-3 sigma (SFN), an adapter protein implicated in the regulation of a large spectrum signaling pathway .

Mediates estrogen action in various target organs.

Mediates the ubiquitination and subsequent proteasomal degradation of ZFHX3.

Plays a role in promoting the restart of stalled replication forks via interaction with the KHDC3L-OOEP scaffold and subsequent ubiquitination of BLM, resulting in the recruitment and retainment of BLM at DNA replication forks (By similarity).

### Product:

Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.

### Molecular Weight:

~ 70 kDa

### Swiss-Prot:

Q14258

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/500 - 1/1000), IF/ICC (1/50 - 1/100), IP (1/10 - 1/50)

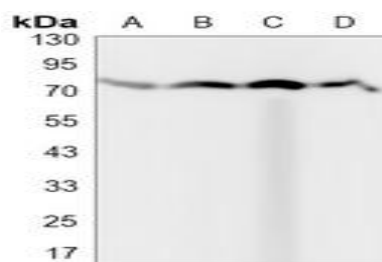
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

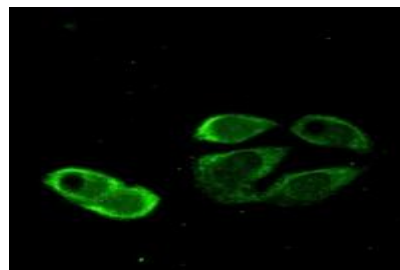
### Specificity:

Recognizes endogenous levels of TRIM25 protein.

### DATA:



Western blot analysis of TRIM25 expression in K562 (A), rat brain (B), C6 (C), HeLa (D) whole cell lysates.



Immunofluorescent analysis of TRIM25 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

### Note:

For research use only, not for use in diagnostic procedure.

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