

## ARG43098 anti-TRIM6 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes TRIM6
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TRIM6
Species	Human
Immunogen	Recombinant protein corresponding to Q50-H349 Human TRIM6.
Conjugation	Un-conjugated
Alternate Names	RNF89; Tripartite motif-containing protein 6; EC 6.3.2.-; RING finger protein 89

### Application Instructions

Application table	Application	Dilution
	FACS	1:150 - 1:500
	ICC/IF	1:200 - 1:1000
	IHC-P	1:200 - 1:1000
	WB	1:500 - 1:2000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 55 kDa	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

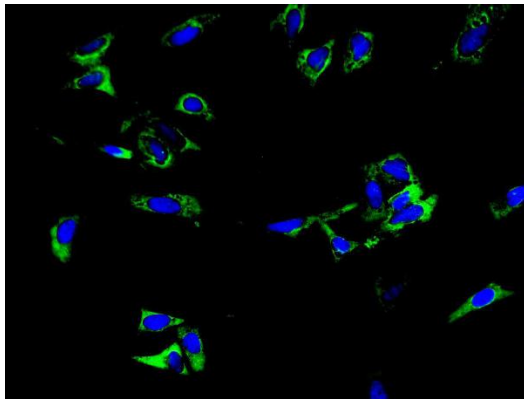
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

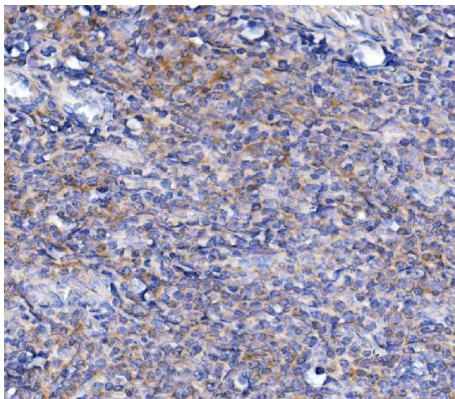
Gene Symbol	TRIM6
Gene Full Name	tripartite motif containing 6
Background	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, B-box type 1 and B-box type 2 domain, and a coiled-coil region. The protein localizes to the nucleus, but its specific function has not been identified. This gene is mapped to chromosome 11p15, where it resides within a TRIM gene cluster. Alternative splicing results in multiple transcript variants. A read-through transcript from this gene into the downstream TRIM34 gene has also been observed, which results in a fusion product from these neighboring family members. [provided by RefSeq, Oct 2010]
Function	E3 ubiquitin-protein ligase which ubiquitinates MYC and inhibits its transcription activation activity, maintaining the pluripotency of embryonic stem cells (By similarity). Involved in the synthesis of unanchored K48-linked polyubiquitin chains which interact with and activate the serine/threonine kinase IKBKE, leading to phosphorylation of STAT1 and stimulation of an antiviral response (PubMed:24882218). [UniProt]
Calculated Mw	56 kDa
Cellular Localization	Cytoplasm. [UniProt]

## Images



ARG43098 anti-TRIM6 antibody ICC/IF image

Immunofluorescence: U2OS cells were blocked with 10% goat serum and then stained with ARG43098 anti-TRIM6 antibody (green) at 2 µg/ml dilution, overnight at 4°C. DAPI (blue) for nuclear staining.

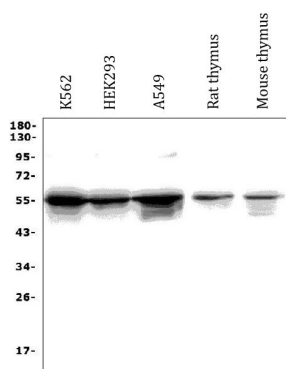


ARG43098 anti-TRIM6 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG43098 anti-TRIM6 antibody at 1 µg/ml dilution, overnight at 4°C.

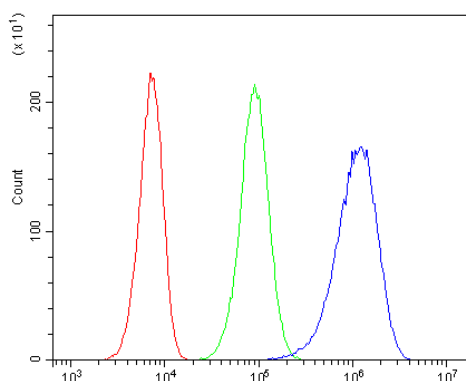
#### ARG43098 anti-TRIM6 antibody WB image

Western blot: 50 µg of sample under reducing conditions. K562, HEK293, A549, Rat thymus and Mouse thymus lysates stained with ARG43098 anti-TRIM6 antibody at 0.5 µg/ml dilution, overnight at 4°C.



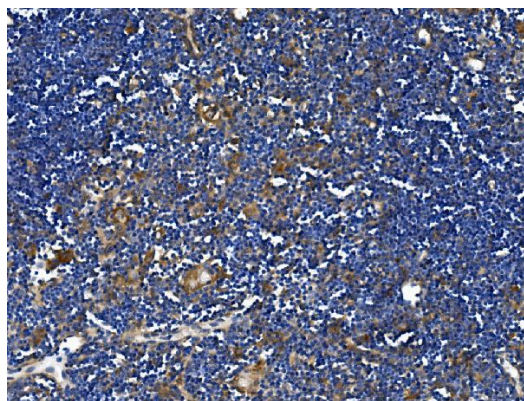
#### ARG43098 anti-TRIM6 antibody FACS image

Flow Cytometry: 293T cells were blocked with 10% normal goat serum and then stained with ARG43098 anti-TRIM6 antibody (blue) at 1 µg/10<sup>6</sup> cells for 30 min at 20°C, followed by incubation with DyLight®488 labelled secondary antibody. Isotype control antibody (green) was rabbit IgG (1 µg/10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (red) was also used as a control.



#### ARG43098 anti-TRIM6 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse thymus tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG43098 anti-TRIM6 antibody at 1 µg/ml dilution, overnight at 4°C.



#### ARG43098 anti-TRIM6 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat spleen tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG43098 anti-TRIM6 antibody at 1 µg/ml dilution, overnight at 4°C.

