

## Product datasheet for **CF808895**

### TRIM56 Mouse Monoclonal Antibody [Clone ID: OTI5A1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5A1
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 311-554 of human TRIM56(NP_112223) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	81.3 kDa
Gene Name:	tripartite motif containing 56
Database Link:	<a href="#">NP_112223</a> <a href="#">Entrez Gene 81844 Human</a> <a href="#">Q9BRZ2</a>

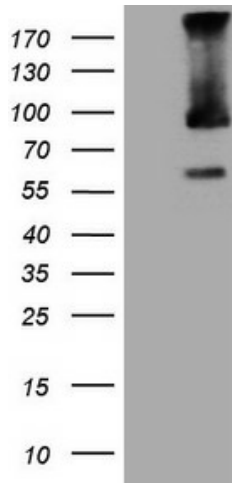


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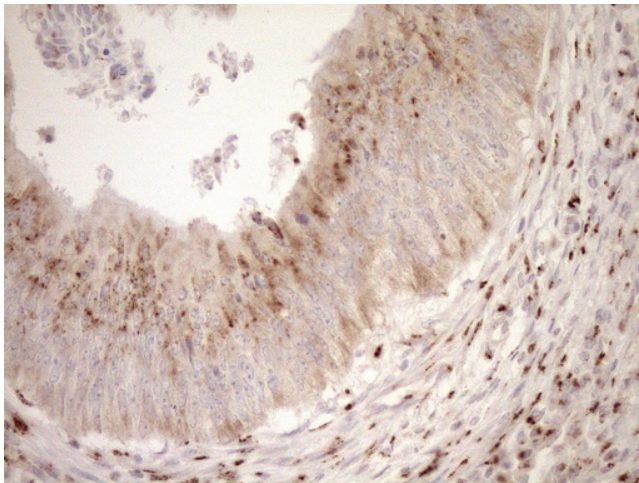
**Background:** E3 ubiquitin-protein ligase that mediates 'Lys-63'-linked polyubiquitination of TMEM173/STING, thereby playing a key role in innate immunity. TMEM173/STING 'Lys-63'-linked ubiquitination activates the production of type I interferon IFN-beta following detection of pathogen- and host-derived double-stranded DNA. [UniProtKB/Swiss-Prot Function]

**Synonyms:** RNF109

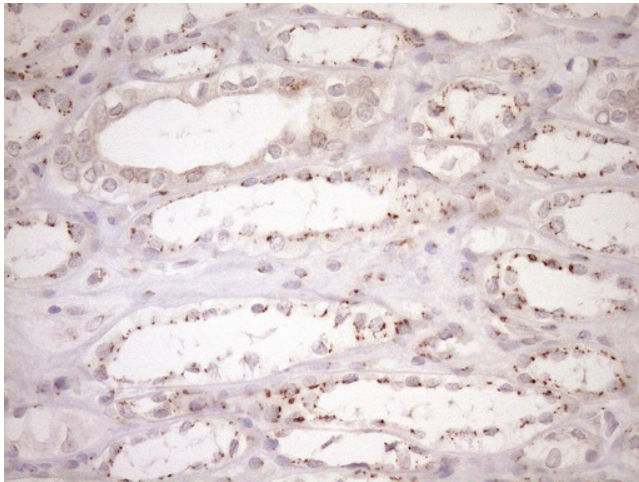
**Product images:**



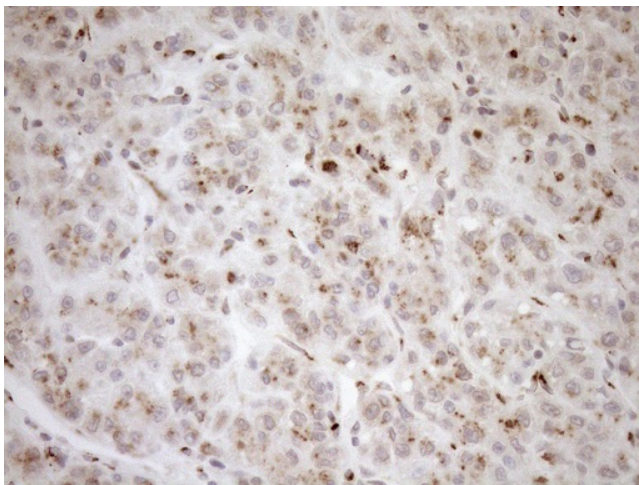
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TRIM56 (Cat# [RC200891], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TRIM56 (Cat# [TA808895])(1:2000). Positive lysates [LY410625] (100ug) and [LC410625] (20ug) can be purchased separately from OriGene.



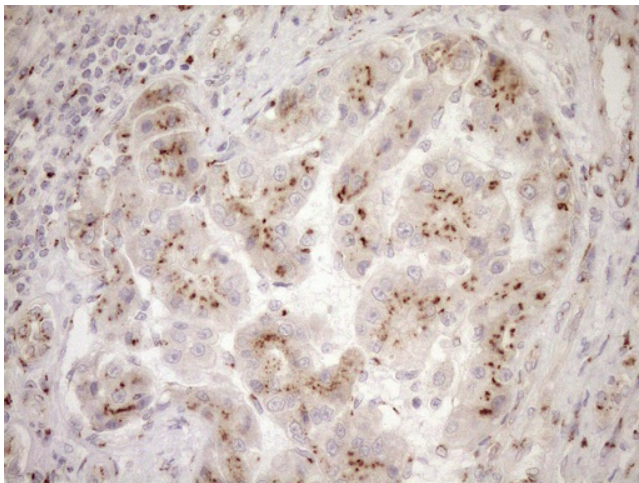
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-TRIM56 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-TRIM56 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

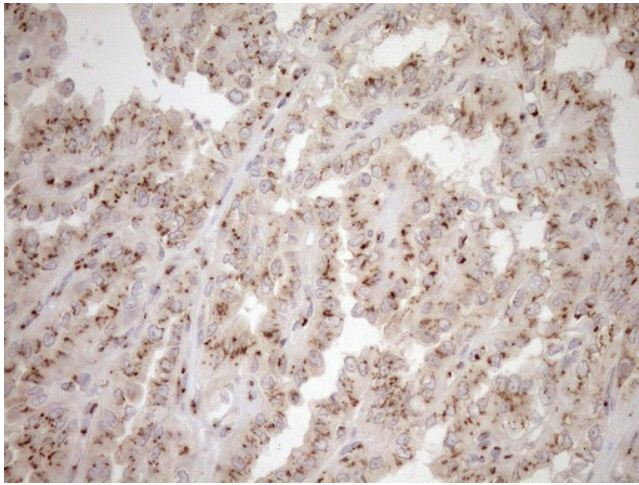


Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-TRIM56 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

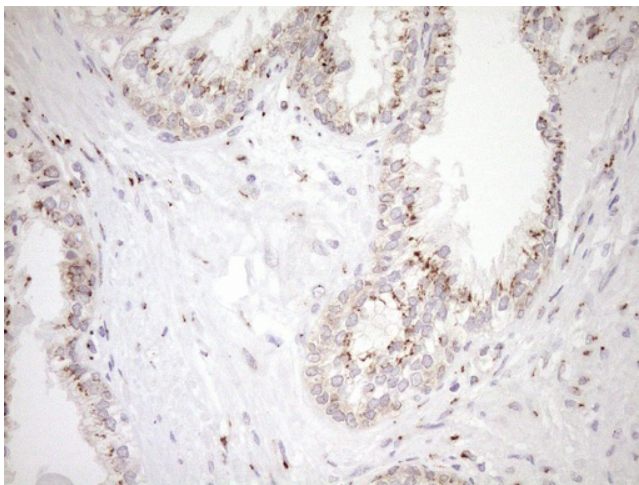


Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-TRIM56 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

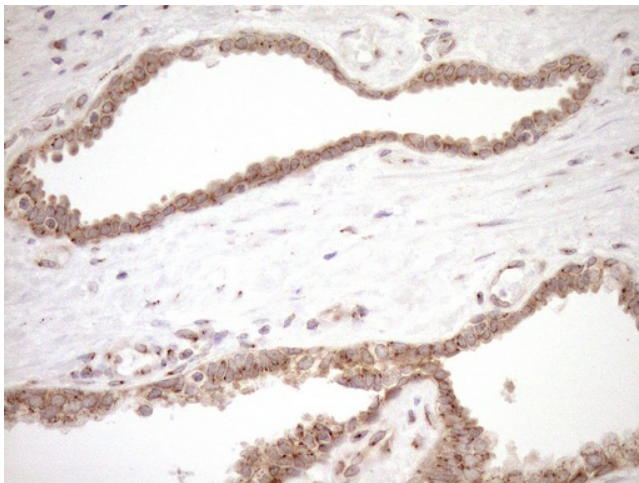




Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-TRIM56 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-TRIM56 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-TRIM56 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.