

Product Datasheet

TRIM25 Antibody (5B5B12) - BSA Free NBP2-61814

Unit Size: 0.1 ml

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

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NBP2-61814

TRIM25 Antibody (5B5B12) - BSA Free

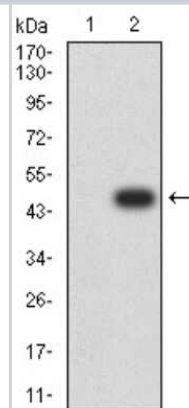
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5B5B12
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	71 kDa

Product Description	
Description	Novus Biologicals Mouse TRIM25 Antibody (5B5B12) - BSA Free (NBP2-61814) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-TRIM25 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7706
Gene Symbol	TRIM25
Species	Human
Immunogen	Purified recombinant fragment of human TRIM25 (AA: 211-360) expressed in E. Coli.

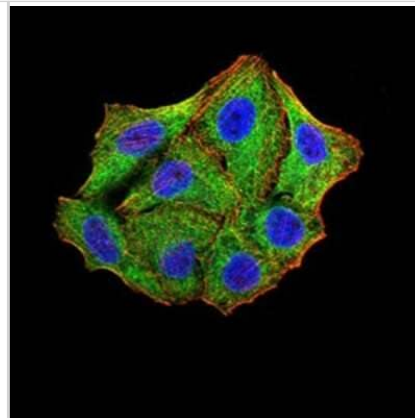
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:50-1:250, Immunohistochemistry-Paraffin 1:200-1:1000

Images

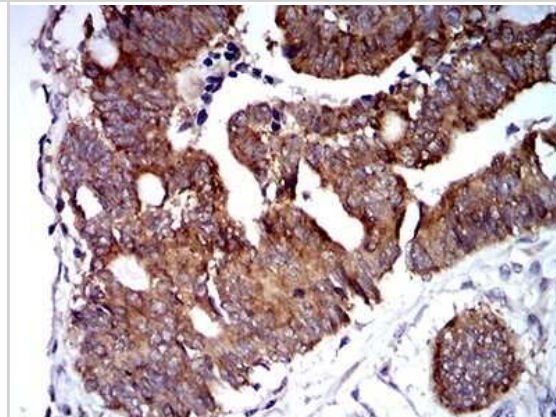
Western Blot: TRIM25 Antibody (5B5B12) [NBP2-61814] - Analysis using TRIM25 mAb against HEK293 (1) and TRIM25 (AA: 211-360)-hlgGfc transfected HEK293 (2) cell lysate.



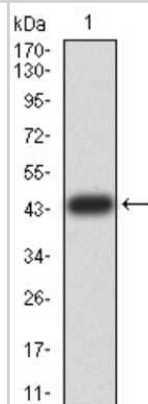
Immunocytochemistry/Immunofluorescence: TRIM25 Antibody (5B5B12) [NBP2-61814] - Analysis of Hela cells using TRIM25 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H +L) DyLight 488 secondary antibody was used.



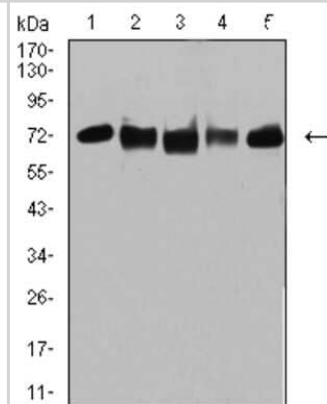
Immunohistochemistry: TRIM25 Antibody (5B5B12) [NBP2-61814] - Analysis of paraffin-embedded rectum cancer tissues using TRIM25 mouse mAb with DAB staining.



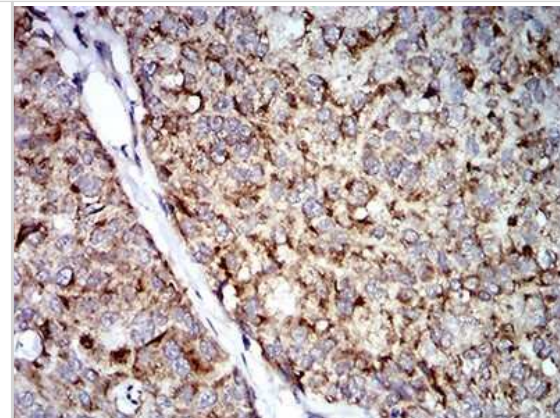
Western Blot: TRIM25 Antibody (5B5B12) [NBP2-61814] - Analysis using TRIM25 mAb against human TRIM25 (AA: 211-360) recombinant protein. (Expected MW is 43.5 kDa)



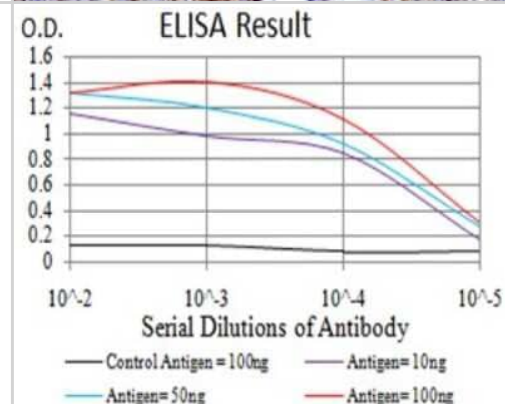
Western Blot: TRIM25 Antibody (5B5B12) [NBP2-61814] - Analysis using TRIM25 mouse mAb against MCF-7 (1), MCF-7 (2), K562 (3), A549 (4), and MOLT4 (5) cell lysate.



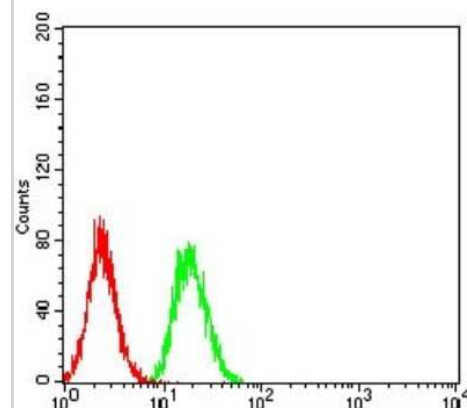
Immunohistochemistry: TRIM25 Antibody (5B5B12) [NBP2-61814] - Analysis of paraffin-embedded bladder cancer tissues using TRIM25 mouse mAb with DAB staining.



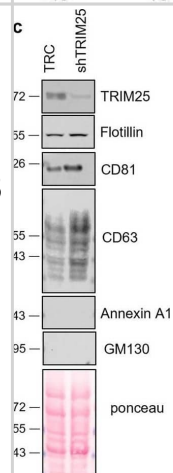
ELISA: TRIM25 Antibody (5B5B12) [NBP2-61814] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



ELISA: TRIM25 Antibody (5B5B12) [NBP2-61814] - Analysis of Hela cells using TRIM25 mouse mAb (green) and negative control (red).



K63-Ubiquitinated FMR1 undergoes ESCRT-dependent EV loading. (A) Pulldown of FMR1 shows that it interacts with Hrs after inflammasome activation. This interaction is lost when TRIM25 is silenced (shT25). (B-C) Knockdown of TRIM25 does not alter the number of EVs secreted or the contents of known exosome markers. EV numbers were quantified via Bradford dye as performed by us previously¹⁵. (D) Silencing TRIM25 dramatically reduces the EV enrichment of FMR1 during inflammation. (E) Correlation between the amount of intracellular TRIM25 and the amount of EV-associated FMR1. The amount of intracellular TRIM25 is positively correlated with EV FMR1. THP-1 cells were used for this figure. Data are shown as mean \pm SEM; * $p \leq 0.05$ for $n = 3-5$. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/38135735>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

King KE, Ghosh P, Wozniak AL. et Al. TRIM25 dictates selective miRNA loading into extracellular vesicles during inflammation Sci Rep 2023-12-22 [PMID: 38135735]



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Products Related to NBP2-61814

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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