

Product Datasheet

MED25 Antibody - BSA Free

NBP2-55868

Unit Size: 100 ul

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

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Updated 12/2/2025 v.20.1

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NBP2-55868

MED25 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

Description	Novus Biologicals Rabbit MED25 Antibody - BSA Free (NBP2-55868) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-MED25 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	81857
Gene Symbol	MED25
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: PPGAASGPPPPGPILRPQNPGANPQLRSLLLNPPTTGTGVPPQASLHHLQPP G

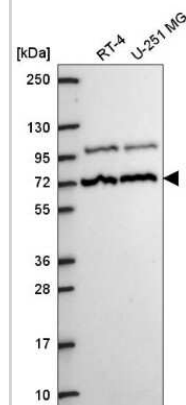
Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

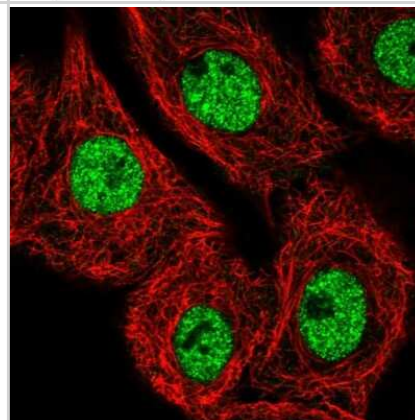


Images

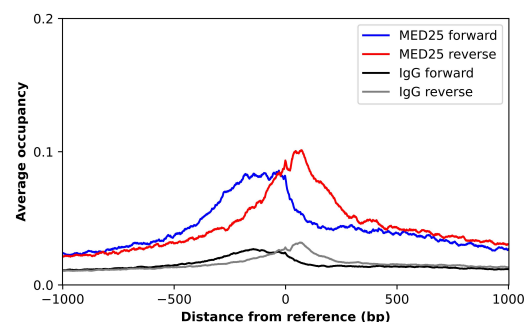
Western Blot: MED25 Antibody [NBP2-55868] - Analysis in human cell line RT-4 and human cell line U-251 MG.



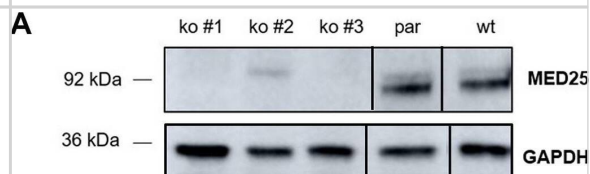
Immunocytochemistry/Immunofluorescence: MED25 Antibody [NBP2-55868] - Staining of human cell line A549 shows localization to nucleoplasm. Antibody staining is shown in green.



ChIP-Exo-Seq composite graph for Anti-MED25 (NBP2-55868) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Replication of RSV B1 is significantly enhanced in MED25 knockout A549 cells. (A) The lack of expression of MED25 protein in knockout cells was analyzed by Western blotting using an anti-MED25 antibody. GAPDH staining was used as loading control. (B) MED25 knockout (ko #1, ko #2, and ko #3), parental (par), and wild-type (wt) A549 cells were infected with RSV B1 (MOI, 0.005). For 5 days postinfection, supernatant was collected daily for virus titration in wild-type A549 cells by using plaque assays. PFU/mL data from two independent experiments, each performed in triplicate, were analyzed using a generalized linear mixed model (see "Statistical analysis of replication kinetics"). The scale of the y axis is based upon a natural logarithm. ***, $P < 0.005$; *, $P < 0.05$. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36102648>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Tessa Van Royen, Koen Sedeyn, George D. Moschonas, Wendy Toussaint, Marnik Vuylsteke, Delphi Van Haver, Francis Impens, Sven Eyckerman, Irma Lemmens, Jan Tavernier, Bert Schepens, Xavier Saelens, Rebecca Ellis Dutch An Unexpected Encounter: Respiratory Syncytial Virus Nonstructural Protein 1 Interacts with Mediator Subunit MED25 Journal of Virology 2022-09-14 [PMID: 36102648]

Garlick J Innovations in Targeting Dynamic Proteins With Small Molecule Modulators Thesis 2021-01-01 (WB)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-55868

NBP2-55868PEP	MED25 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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