

Product Datasheet

Aiolos/IKZF3 Antibody - BSA Free NBP2-24495

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 14

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-24495

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-24495



NBP2-24495

Aiolos/IKZF3 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
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	Immunogen affinity purified
Buffer	PBS

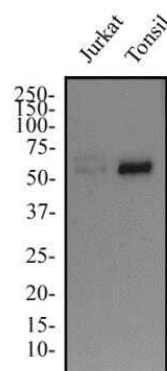
Product Description	
Description	Novus Biologicals Rabbit Aiolos/IKZF3 Antibody - BSA Free (NBP2-24495) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Aiolos/IKZF3 Antibody: Cited in 14 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	22806
Gene Symbol	IKZF3
Species	Human, Primate
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: canine (88%), mouse (88%), rat (88%), equine (82%).
Immunogen	A portion of amino acids 350-400 of human IKZF3 was used as the immunogen.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.25 - 1.0 ug/mL, Immunohistochemistry reported in scientific literature (PMID 34207079), Immunocytochemistry/ Immunofluorescence 1:100

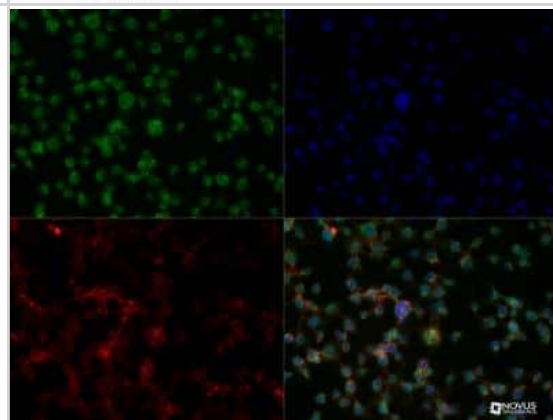


Images

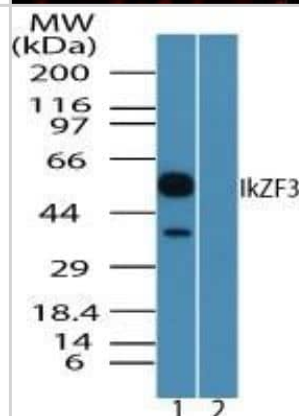
Western Blot: Aiolos/IkZF3 Antibody [NBP2-24495] - Total protein from Jurkat cells and human tonsil was separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/mL anti-IkZF3 in blocking buffer and detected with an anti-rabbit HRP secondary antibody using chemiluminescence.



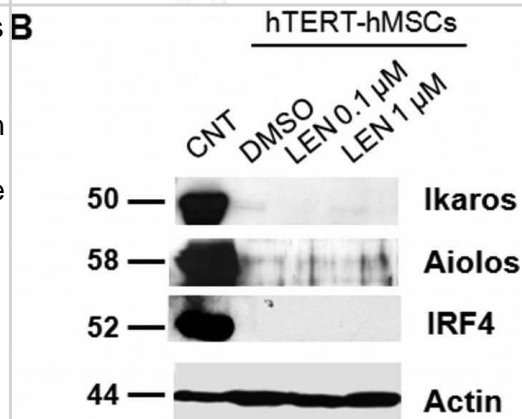
Immunocytochemistry/Immunofluorescence: Aiolos/IkZF3 Antibody [NBP2-24495] - IkZF3 antibody was tested in Jurkat cells at a 1:40 dilution against DyLight 488 (Green). Alpha tubulin and nuclei were counterstained against DyLight 568 (Red) and DAPI (Blue), respectively.



Western Blot: Aiolos/IkZF3 Antibody [NBP2-24495] - Analysis of IkZF3 in human spleen lysate in the 1) absence and 2) presence of immunizing peptide using this antibody at 0.25 ug/mL.



LEN treatment decreased CK1- α levels in hTERT-hMSCs. hTERT-hMSCs were seeded in T75 flasks and cultured in RPMI 10% FBS, in presence of LEN (0.1 and 1 μ M) or DMSO, for 5 days. At the end of culture period, cell pellets were collected and analyzed by Western Blotting for Cereblon (A), Ikaros (B), Aiolos (B), IRF4 (B), CK1- α (C) and p62 (D). β -actin was used as internal control. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/28881793>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Jochem M, Schrempf A, Wagner LM et al. Degradome analysis to identify direct protein substrates of small-molecule degraders *Cell Chem Biol* 2024-11-07 [PMID: 39536762]

Walker, Z J, Idler, B Et al. Exploiting Protein Translation Dependence in Multiple Myeloma with Omacetaxine-Based Therapy. *Clin Cancer Res* 2021-02-01 [PMID: 33109736] (ICC/IF, Human)

Zou Y, Liu B, Li L Et al. IKZF3 deficiency potentiates chimeric antigen receptor T cells targeting solid tumors *Cancer letters* 2021-10-20 [PMID: 34687790] (WB)

Chen H, Liu J, Kaniskan HU Et al. Folate-Guided Protein Degradation by Immunomodulatory Imide Drug-Based Molecular Glues and Proteolysis Targeting Chimeras *Journal of medicinal chemistry* 2021-08-26 [PMID: 34378936]

Barankiewicz J, Szumera-Cieckiewicz A, Salomon-Perzynski A et al. The CRBN, CUL4A and DDB1 Expression Predicts the Response to Immunomodulatory Drugs and Survival of Multiple Myeloma Patients *Journal of Clinical Medicine* 2021-06-18 [PMID: 34207079] (IF/IHC, Human)

Wang Z, Zhou G, Risu N et al. Lenalidomide Enhances CAR-T Cell Activity Against Solid Tumor Cells *Cell Transplant* 2020-09-24 [PMID: 32967454] (WB, Human)

Liu J, Chen H, Ma L et al. Light-induced control of protein destruction by opto-PROTAC *Sci Adv* 2020-02-01 [PMID: 32128407] (WB, Human)

Kim E, Ten Hacken E, Sivina M, et al. The BET inhibitor GS-5829 targets chronic lymphocytic leukemia cells and their supportive microenvironment *Leukemia* 2019-12-20 [PMID: 31862959]

Zhu YX, Shi CX, Bruins LA et al. Identification of lenalidomide resistance pathways in myeloma and targeted resensitization using cereblon replacement, inhibition of STAT3 or targeting of IRF4 *Blood Cancer J* 2019-02-11 [PMID: 30741931] (WB, Human)

Costa F, Vescovini R, Bolzoni M et al. Lenalidomide increases human dendritic cell maturation in multiple myeloma patients targeting monocyte differentiation and modulating mesenchymal stromal cell inhibitory properties *Oncotarget* 2017-08-08 [PMID: 28881793] (WB, Human)

Uehara T, Minoshima Y, Sagane K et al. Selective degradation of splicing factor CAPERalpha by anticancer sulfonamides. *Nat. Chem. Biol.* 2017-04-24 [PMID: 28437394]

Nguyen TV, Li J, Lu CJ et al. p97/VCP promotes degradation of CRBN substrate glutamine synthetase and neosubstrates. *Proc. Natl. Acad. Sci. U.S.A.* 2017-03-20 [PMID: 28320958] (WB, Human)

More publications at <http://www.novusbio.com/NBP2-24495>





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 NBP2-24495

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-24495

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

