

Product Datasheet

alpha-Defensin 1 Antibody - BSA Free NBP3-05562-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

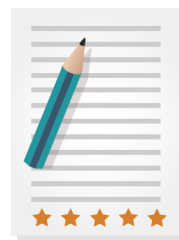
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Updated 8/21/2025 v.20.1

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NBP3-05562-100ul

alpha-Defensin 1 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	10 kDa

Product Description

Host	Rabbit
Gene ID	1667
Gene Symbol	DEFA1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-94 of human alpha-Defensin 1 (NP_004075.1). MRTLAILAAILLVALQAQAEPLQARADEVAAAPEQIAADIPEVVVSLAWDESLAP KHPGSRKNMACYCRIPACIAGERRYGTCTIYQGRLWAFCC

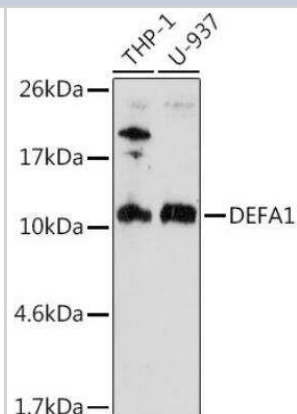
Product Application Details

Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunocytochemistry/ Immunofluorescence 1:50 - 1:200

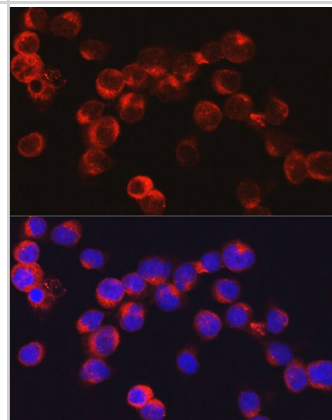


Images

Western Blot: alpha-Defensin 1 Antibody [NBP3-05562] - Analysis of extracts of various cell lines, using DEFA1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Immunocytochemistry/ Immunofluorescence: alpha-Defensin 1 Antibody - Azide and BSA Free [alpha-Defensin 1] - Immunofluorescence analysis of Jurkat cells using alpha-Defensin 1 Rabbit pAb at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Publications

Duan X, Yu Z HNP-1 Reverses Hypertensive Left Ventricular Hypertrophy by Inhibiting the NF- κ B Signaling Pathway Cardiovascular Innovations and Applications 2023-08-14 (IHC-P, WB, Rat)

Details:

1:80 dilution IHC-P, 1:2000 dilution WB



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Products Related to NBP3-05562-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001667-P01-10ug	Recombinant Human alpha-Defensin 1 GST (N-Term) Protein

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

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