

# Product Datasheet

## Defensin alpha 5 Antibody - Azide and BSA Free NBP3-03835

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 2/17/2026 v.20.1

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**NBP3-03835**

Defensin alpha 5 Antibody - Azide and BSA Free

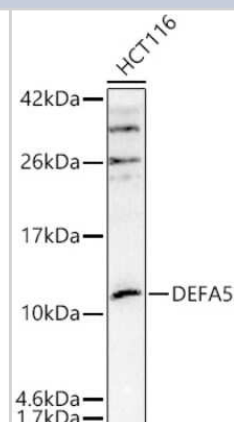
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol
<b>Target Molecular Weight</b>	10 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Defensin alpha 5 Antibody - Azide and BSA Free (NBP3-03835) is a polyclonal antibody validated for use in WB. Anti-Defensin alpha 5 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1670
<b>Gene Symbol</b>	DEFA5
<b>Species</b>	Human
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 20-94 of human Defensin alpha 5 (NP_066290.1). ESLQERADEATTQKQSGEDNQDLAISFAGNGLSALRTSGSQARATCYCRTGR CATRESLSGVCEISGRLYRLCCR

Product Application Details	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000

**Images**

Western Blot: Defensin alpha 5 Antibody [NBP3-03835] - Western blot analysis of extracts of HCT116 cells, using Defensin alpha 5 antibody (NBP3-03835) 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 Basic Kit. Exposure time: 10s.

**Publications**

Gao N, Dou X, Yin T Et al. Tryptophan Promotes Intestinal Immune Defense through Calcium-Sensing Receptor (CaSR)-Dependent Metabolic Pathways Journal of agricultural and food chemistry 2021-11-17 [PMID: 34748328]



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### Products Related to NBP3-03835

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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

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### 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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