

Product Datasheet

IgE Antibody (1E7) - BSA Free NBP3-11412-0.1mg

Unit Size: 0.1 mg

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

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Publications: 5

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Updated 9/9/2025 v.20.1

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NBP3-11412-0.1mg

IgE Antibody (1E7) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the 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	Monoclonal
Clone	1E7
Preservative	<0.1% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse IgE Antibody (1E7) - BSA Free (NBP3-11412) is a monoclonal antibody validated for use in IHC, WB and ELISA. Anti-IgE Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3497
Gene Symbol	IGHE
Species	Sheep
Reactivity Notes	Predicted cross-reactivities: Goat
Immunogen	Recombinant ovine IgE1-2 expressed in E.coli

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, ELISA 1:500 - 1:2000, Immunohistochemistry, Immunohistochemistry-Frozen
Application Notes	Use in Western Blot reported in scientific literature (PMID:34209808).



Publications

Yamaki K, Egi T, Segawa K et al. Co-induced allergic response to an unrelated allergen exacerbates imiquimod-induced psoriasis in mice *Biological & pharmaceutical bulletin* 2023-08-18 [PMID: 37599076]

Huang Z, Jiang Y, Li H et al. Effect of glycation derived from α -dicarbonyl compounds on the in vitro digestibility of ovalbumin: Tracing of advanced glycation end-products and immuno-active peptides *Food Research International* 2023-07-01 [PMID: 37254415] (ELISA, Human)

Details:

1:5000 ELISA dilution

Alakhras NS, Shin J, Smith SA et al. Peanut allergen inhibition prevents anaphylaxis in a humanized mouse model *Science translational medicine* 2023-02-08 [PMID: 36753563]

Vukovic N, Halabi S, Russo-Cabrera JS et al. A human IgE bispecific antibody shows potent cytotoxic capacity mediated by monocytes *The Journal of biological chemistry* Jun 16 2022 12:00AM [PMID: 35718062]

Premrov Bajuk B, Zrimsek P, Kotnik T Et Al. Insect Protein-Based Diet as Potential Risk of Allergy in Dogs *Animals : an open access journal from MDPI* Jun 29 2021 12:00AM [PMID: 34209808] (WB)





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Products Related to NBP3-11412-0.1mg

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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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