

Product Datasheet

Goat anti-Human IgE Heavy Chain Secondary Antibody [HRP] NB7459

Unit Size: 1 ml

Store at 4C. Do not freeze.

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NB7459**Goat anti-Human IgE Heavy Chain Secondary Antibody [HRP]**

Product Information	
Unit Size	1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.05% Pro-Clean 400
Isotype	IgG
Conjugate	HRP
Purity	Immunogen affinity purified
Buffer	Phosphate Buffered Saline (PBS) containing 0.2% BSA
Product Description	
Host	Goat
Species	Human
Specificity/Sensitivity	By immunoelectrophoresis and ELISA this reacts specifically with human IgE. Cross-reactivity with other human immunoglobulins and light chains is less than 1%.
Immunogen	Human IgE
Notes	Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP). Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme/antibody protein ratio is 4:1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:20000, ELISA 1:10000 - 1:100000, Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/Immunofluorescence 1:200 - 1:2000, Immunohistochemistry-Paraffin 1:200 - 1:2000

Publications

Fu L, Wang C, Wang J et al. Maillard reaction with ribose, galacto-oligosaccharide or chitosan-oligosaccharide reduced the allergenicity of shrimp tropomyosin by inducing conformational changes Food Chem 2018-10-31 [PMID: 30373009] (ELISA)

Perugino CA, AISalem SB, Mattoo H et al. Identification of galectin-3 as an autoantigen in patients with IgG(4)-related disease J Allergy Clin Immunol 2018-06-01 [PMID: 29852256]

Schelegle ES, Miller LA, Gershwin LJ et al. Repeated episodes of ozone inhalation amplifies the effects of allergen sensitization and inhalation on airway immune and structural development in Rhesus monkeys. Toxicol Appl Pharmacol. [PMID: 12915105]

Details:

Citation using the HRP form of this antibody.

Schelegle ES, Gershwin LJ, Miller LA et al. Allergic asthma induced in rhesus monkeys by house dust mite (*Dermatophagoides farinae*). Am J Pathol. [PMID: 11141508]

Details:

Citation using the HRP form of this antibody.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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