

Product Datasheet

Goat anti-Mouse IgE Heavy Chain Secondary Antibody NB7530

Unit Size: 1 ml

Store at 4C. Do not freeze.

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NB7530**Goat anti-Mouse IgE Heavy Chain Secondary Antibody**

Product Information	
Unit Size	1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Phosphate Buffered Saline (PBS)
Product Description	
Host	Goat
Species	Mouse
Specificity/Sensitivity	By immunoelectrophoresis and ELISA this reacts specifically with mouse IgE. This may cross react with IgE from other species.
Immunogen	Mouse IgE
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000 - 1:30000, ELISA 1:1000 - 1:30000, Immunohistochemistry 1:200- 1:2000, Immunocytochemistry/ Immunofluorescence 1:200- 1:2000, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	ELISA 1:1,000 - 1:30,000; for coating plates 1:100 - 1:500



Publications

Wang L, Gao S, Xu W et al. Allergic asthma accelerates atherosclerosis dependent on Th2 and Th17 in apolipoprotein E deficient mice J Mol Cell Cardiol 2014-02-18 [PMID: 24530901] (IHC-Fr)

Palaniyandi S, Liu X, Periasamy S et al. Inhibition of CD23-mediated IgE transcytosis suppresses the initiation and development of allergic airway inflammation. Mucosal Immunol. [PMID: 25783969]

Details:

Citation using the FITC form of this antibody.

Vaickus LJ, Bouchard J, Kim J et al. Cockroach allergens induce biphasic asthma-like pulmonary inflammation in outbred mice. J Asthma. [PMID: 22540923]

Details:

Citation using the HRP form of this antibody.

Damayanti T, Kikuchi T, Zaini J et al. Serial OX40 engagement on CD4+ T cells and natural killer T cells causes allergic airway inflammation. Am J Respir Crit Care Med . [PMID: 20019337]

Details:

Citation using the HRP form of this antibody.

Polte T, Foell J, Werner C et al. CD137-mediated immunotherapy for allergic asthma. J Clin Invest. [PMID: 16528411]

Details:

Citation using the HRP form of this antibody.

Sejima T, Madoiwa S, Mimuro J et al. Protection of plasminogen activator inhibitor-1-deficient mice from nasal allergy. J Immunol. [PMID: 15944322]

Details:

Citation using the HRP form of this antibody.

Voice JK, Dorsam G, Lee H et al. Allergic diathesis in transgenic mice with constitutive T cell expression of inducible vasoactive intestinal peptide receptor. FASEB J. [PMID: 11689474]

Details:

Citation using the HRP form of this antibody.

Sakai S, Sugawara T, Matsubara K et al. Inhibitory effect of carotenoids on the degranulation of mast cells via suppression of antigen-induced aggregation of high affinity IgE receptors. J Biol Chem 2009-10-01 [PMID: 19700409]

Neel NF, Creasy BM, Rankin JN et al. Absence of interleukin-3 does not affect the severity of local and systemic anaphylaxis but does enhance eosinophil infiltration in a mouse model of allergic peritonitis. Immunol Lett 2004-08-01 [PMID: 15325796]





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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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