

Goat Anti Mouse IgE:HRP
#Cat: NB-47-05890-500UG Size: 0.5mg

Description:	Goat Anti Mouse IgE:HRP
Specificity:	IgE
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.neo-biotech.com

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/100 - 1/1000
Immunoprecipitation			▪	
Western Blotting			▪	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Preparation	Purified IgG prepared by affinity chromatography
Antiserum Preparation	Antisera to mouse IgE were raised by repeated immunisations of goats with highly purified antigen.
Buffer Solution	Phosphate buffered saline
Preservative	0.05% Proclin™ 300
Stabilisers	0.2% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Native mouse IgE.
External Database Links	UniProt: P06336 Entrez Gene: 380792 Gm900
Specificity	Goat anti mouse IgE polyclonal antibody recognizes mouse IgE and shows negligible cross - reactivity with other immunoglobulins.
References	<ol style="list-style-type: none">1. Xia,Z.W. <i>et al</i> (2007) Heme oxygenase-1 attenuates ovalbumin-induced airway inflammation by up-regulation of foxp3 T-regulatory cells, interleukin-10, and membrane-bound transforming growth factor- 1. Am J Pathol. 171: 1904-14.2. Hartmann, W. <i>et al.</i> (2011) A novel and divergent role of granzyme a and B in resistance to helminth infection. J Immunol. 186: 2472-81.3. Hadzhieva, M. <i>et al.</i> (2015) Mechanism and functional implications of the heme-induced binding promiscuity of IgE. Biochemistry. 54 (11): 2061-72.4. Su, W. <i>et al.</i> (2012) Synthesized OVA323-339MAP octamers mitigate OVA-induced airway inflammation by regulating Foxp3 T regulatory cells. BMC Immunol. 13: 34.5. Conde, E. <i>et al.</i> (2021) Dual vaccination against IL-4 and IL-13 protects against chronic allergic asthma in mice. Nat Commun. 12 (1): 2574.6. Mai, H.L. <i>et al.</i> (2020) Targeting the interleukin-7 receptor alpha by an anti-CD127 monoclonal antibody improves allergic airway inflammation in mice. Clin Exp Allergy. 50(7): 824-834.
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Acknowledgements	Proclin™ 300 is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.

**Health And
Safety
Information**

Material Safety Datasheet documentation #20391 available at:
www.neo-biotech.com
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Regulatory

For research purposes only

Related Products**Recommended Useful Reagents**

AbGUARD® HRP STABILIZER PLUS (NB-47-02232-100ML)

AbGUARD® HRP STABILIZER PLUS (NB-47-02233-500ML)

AbGUARD® HRP STABILIZER PLUS (NB-47-02234-1L)

TMB CORE (NB-47-02238-100ML)

TMB CORE+ (NB-47-02244-100ML)

TMB SIGNAL+ (NB-47-02236-100ML)