

Datasheet: STAR147P

BATCH NUMBER 161731

Description:	GOAT ANTI HUMAN IgE:HRP
Specificity:	IgE
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 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.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/10000 - 1/100000
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

Human

Species Cross Reactivity

Reacts with: Rhesus Monkey

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

Preparation

Purified IgG prepared by affinity chromatography

Antiserum Preparation Antisera to human IgE were raised by repeated immunisations of goats with highly purified antigen.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.05% Pro-Clean™400 0.2% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Native human IgE.
External Database Links	<p>UniProt: P01854 Related reagents</p> <p>Entrez Gene: 3497 IGHE Related reagents</p>
RRID	AB_1221597
Specificity	<p>Goat anti Human IgE polyclonal antibody recognizes human IgE. Minimal cross-reactivity (<0.1%) is expected with other human immunoglobulins and light chains.</p> <p>Goat anti Human IgE in a biotinylated format has been successfully employed as a detection reagent in the development of a sensitive sandwich ELISA for the measurement of human IgE.</p>
References	<ol style="list-style-type: none"> 1. Khan, F.M. <i>et al.</i> (2012) Basophil activation test compared to skin prick test and fluorescence enzyme immunoassay for aeroallergen-specific Immunoglobulin-E. Allergy Asthma Clin Immunol. 8 (1): 1. 2. Pinot de Moira, A. <i>et al.</i> (2013) Effects of treatment on IgE responses against parasite allergen-like proteins and immunity to reinfection in childhood schistosome and hookworm coinfections. Infect Immun. 81 (1): 23-32. 3. Zheng, W. <i>et al.</i> (2016) Upregulated expression of substance P in basophils of the patients with chronic spontaneous urticaria: induction of histamine release and basophil accumulation by substance P. Cell Biol Toxicol. 32 (3): 217-28. 4. Jin Y <i>et al.</i> (2015) Allergenic response to squid (<i>Todarodes pacificus</i>) tropomyosin Tod p1 structure modifications induced by high hydrostatic pressure. Food Chem Toxicol. 76: 86-93. 5. Wei, J.F. <i>et al.</i> (2009) Induction of mast cell accumulation, histamine release and skin edema by N49 phospholipase A2. BMC Immunol. 10: 21.
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety	Material Safety Datasheet documentation #20391 available at:

Information <https://www.bio-rad-antibodies.com/SDS/STAR147P20391>

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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