

Datasheet: STAR110P

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.bio-rad-antibodies.com/protocols.

	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](#)

[Related reagents](#)

Entrez Gene:[380792](#) Gm900 [Related reagents](#)

Specificity	Goat anti mouse IgE polyclonal antibody recognizes mouse IgE and shows negligible cross - reactivity with other immunoglobulins.
References	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. 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	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 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 available at: Material Safety Datasheet Documentation #20391 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/20391.pdf
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+ \(BUF054A\)](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

'M314170:180412'

