Datasheet: STAR110

BATCH NUMBER 170171

Description:	GOAT ANTI MOUSE IgE
Specificity:	IgE
Format:	Purified
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 - 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 Stabilisers	<0.1% Sodium Azide (NaN_3)

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
RRID	AB_324344
Specificity	**Goat anti mouse IgE polyclonal antibody** recognizes mouse IgE and shows negligible cross - reactivity with other immunoglobulins.
References	1. Xia,Z.W. *et al* (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. *et al.* (2011) A novel and divergent role of granzyme a and B in resistance to helminth infection. J Immunol. 186: 2472-81. 3. Su, W. *et al.* (2012) Synthesized OVA323-339MAP octamers mitigate OVA-induced airway inflammation by regulating Foxp3 T regulatory cells. BMC Immunol. 13: 34. 4. Hadzhieva, M. *et al.* (2015) Mechanism and functional implications of the heme-induced binding promiscuity of IgE. Biochemistry. 54 (11): 2061-72. 5. Mai, H.L. *et al.* (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. 6. Conde, E. *et al.* (2021) Dual vaccination against IL-4 and IL-13 protects against chronic allergic asthma in mice. Nat Commun. 12 (1): 2574. 7. Karabowicz, J. *et al.* (2024) Analysis of the role of *Dirofilaria repens* macrophage migration inhibitory factors in host-parasite interactions. J Vet Res. 68 (3): 381-388.
Storage	Store at +4^{o}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
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/STAR110 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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

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