

Datasheet: STAR110A

Description:	GOAT ANTI MOUSE IgE:Alk. Phos.
Specificity:	IgE
Format:	Alk. Phos.
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	▪			1/1000 - 1/10000
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 Alkaline Phosphatase - liquid
Preparation	Purified IgG prepared by affinity chromatography using antigen coupled to agarose beads.
Antiserum Preparation	Antisera to mouse IgE were raised by repeated immunisations of goats with highly purified antigen.
Buffer Solution	50mM HEPES pH7.1 0.1M NaCl 1.0mM MgCl ₂ 0.1mM ZnCl ₂
Preservative	0.09% Sodium Azide
Stabilisers	0.2% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Native mouse IgE.

**External Database
Links**

UniProt:

[P06336](#) [Related reagents](#)

Entrez Gene:

[380792](#) Gm900 [Related reagents](#)

RRID AB_323727

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. Hadzhieva, M. *et al.* (2015) Mechanism and functional implications of the heme-induced binding promiscuity of IgE. [Biochemistry. 54 \(11\): 2061-72.](#)
4. Su, W. *et al.* (2012) Synthesized OVA323-339MAP octamers mitigate OVA-induced airway inflammation by regulating Foxp3 T regulatory cells. [BMC Immunol. 13: 34.](#)
5. Wei, J.F. *et al.* (2009) Induction of mast cell accumulation, histamine release and skin edema by N49 phospholipase A2. [BMC Immunol. 10: 21.](#)

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

**Health And Safety
Information** Material Safety Datasheet documentation #10089 available at:
10089: <https://www.bio-rad-antibodies.com/uploads/MSDS/10089.pdf>

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