

## Datasheet: STAR110

**BATCH NUMBER 173081**

<b>Description:</b>	GOAT ANTI MOUSE IgE
<b>Specificity:</b>	IgE
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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<sub>3</sub>)

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Native mouse IgE.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P06336</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">380792</a> Gm900    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_324344
<b>Specificity</b>	<b>Goat anti mouse IgE polyclonal antibody</b> recognizes mouse IgE and shows negligible cross - reactivity with other immunoglobulins.
<b>References</b>	<ol style="list-style-type: none"> <li>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. <a href="#">Am J Pathol. 171: 1904-14.</a></li> <li>Hartmann, W. <i>et al.</i> (2011) A novel and divergent role of granzyme a and B in resistance to helminth infection. <a href="#">J Immunol. 186: 2472-81.</a></li> <li>Su, W. <i>et al.</i> (2012) Synthesized OVA323-339MAP octamers mitigate OVA-induced airway inflammation by regulating Foxp3 T regulatory cells. <a href="#">BMC Immunol. 13: 34.</a></li> <li>Hadzhieva, M. <i>et al.</i> (2015) Mechanism and functional implications of the heme-induced binding promiscuity of IgE. <a href="#">Biochemistry. 54 (11): 2061-72.</a></li> <li>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. <a href="#">Clin Exp Allergy. 50 (7): 824-834.</a></li> <li>Conde, E. <i>et al.</i> (2021) Dual vaccination against IL-4 and IL-13 protects against chronic allergic asthma in mice. <a href="#">Nat Commun. 12 (1): 2574.</a></li> <li>Karabowicz, J. <i>et al.</i> (2024) Analysis of the role of <i>Dirofilaria repens</i> macrophage migration inhibitory factors in host-parasite interactions. <a href="#">J Vet Res. 68 (3): 381-388.</a></li> </ol>
<b>Storage</b>	<p>This product is shipped at ambient temperature.  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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR110">https://www.bio-rad-antibodies.com/SDS/STAR110</a>
<b>Regulatory</b>	For research purposes only

## Related Products

## Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
'M441588:250523'

**Printed on 19 Mar 2026**

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