

## Datasheet: STAR110P

**BATCH NUMBER 158417**

<b>Description:</b>	GOAT ANTI MOUSE IgE:HRP
<b>Specificity:</b>	IgE
<b>Format:</b>	HRP
<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.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography
<b>Antiserum Preparation</b>	Antisera to mouse IgE were raised by repeated immunisations of goats with highly purified antigen.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.05% Proclin™ 300
<b>Stabilisers</b>	0.2% Bovine Serum Albumin

<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_324100
<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>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>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>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>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> </ol>
<b>Storage</b>	<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>
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	Proclin™ 300 is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20391 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR110P">https://www.bio-rad-antibodies.com/SDS/STAR110P</a> 20391
<b>Regulatory</b>	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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