

## Datasheet: STAR132A

<b>Description:</b>	GOAT ANTI MOUSE IgG1:Alk. Phos.
<b>Specificity:</b>	IgG1
<b>Format:</b>	Alk. Phos.
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## 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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	■			
Immunohistology - Paraffin	■			
ELISA	■			1/2000 - 1/4000
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>Species Cross Reactivity</b>	Does not react with:Human
<b>Product Form</b>	Purified IgG conjugated to Alkaline Phosphatase - liquid
<b>Antiserum Preparation</b>	Antisera to mouse IgG were raised by repeated immunisation of goats with purified antigen. Purified IgG1 was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	50mM TRIS 1mM MgCl <sub>2</sub>
<b>Preservative</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	50% Glycerol
<b>Immunogen</b>	Mouse IgG1 paraproteins
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01869</a> IGH1M_MOUSE <a href="#">Related reagents</a></p> <p><a href="#">P01868</a> IGHG1_MOUSE <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">16017</a> Ighg1 <a href="#">Related reagents</a></p> <p><a href="#">16017</a> Ighg1 <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Igh-4
<b>Specificity</b>	STAR132A recognises Mouse IgG1. STAR132A has been cross absorbed against mouse IgM, IgG2a, IgG2b, IgG3 and IgA, pooled human sera and purified human paraproteins. The antibody shows minimal cross-reactivity with

human immunoglobulins.

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**References**

1. Croft, N.P. *et al.* (2009) Stage-specific inhibition of MHC class I presentation by the Epstein-Barr virus BNLF2a protein during virus lytic cycle. [PLoS Pathog. 5\(6\): e1000490.](#)
2. Zuo, J. *et al.* (2010) The Epstein-Barr virus-encoded BILF1 protein modulates immune recognition of endogenously processed antigen by targeting MHC class I molecules trafficking on both the exocytic and endocytic pathways. [J Virol. Dec 1. \[Epub ahead of print\]](#)
3. Knipping, K. *et al.* (2011) A gastrointestinal rotavirus infection mouse model for immune modulation studies. [Virology J. 8: 109.](#)
4. Young, D. *et al.* (2012) Soy-derived di- and tripeptides alleviate colon and ileum inflammation in pigs with dextran sodium sulfate-induced colitis. [J Nutr. 2012 Feb;142\(2\):363-8.](#)

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**Storage**

Store at +4°C or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.  
Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life**

18 months from date of despatch.

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**Regulatory**

For research purposes only

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## Other formats and applications

This reagent is also available in a [FITC](#), [HRP](#), [Purified](#), [RPE](#) format and is useful for Flow Cytometry, Immunofluorescence

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