

## Datasheet: STAR134A

Description:	GOAT ANTI MOUSE IgG2b:Alk. Phos.
Specificity:	lgG2b
Format:	Alk. Phos.
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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. Please refer to references indicated for f								
	information. For general protocol recommendations, please visit <u>www.bio-</u>							
	rad-antibodies.com/protocols.							
		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 us	se in such	procedur	es. Suggested working	g dilutions are given as			
	a guide only. It is recomn	nended the	at the use	r titrates the antibody	for use in their own			
	system using appropriate	e negative/	/positive c	ontrols.				
Target Species	Mouse							
Species Cross Reactivity	Does not react with:Human							
Product Form	Purified IgG conjugated to alkaline phosphatase - liquid							
Antiserum Preparation	Antisera to mouse IdG2b	were rais	ed by rep	eated immunisation of	f goats with purified			
	antigen. Purified IgG was	s prepared	from who	le serum by affinity ch	iromatography.			
Buffer Solution	50mM TRIS							
	1mM MgCl <sub>2</sub>							
Preservative	<0.1% Sodium Azide (Na	aN <sub>3</sub> )						
Stabilisers	50% Glycerol							
Immunogen	Mouse IgG2b paraproteir	ıs.						

External Database						
Links	P01867 Related reagents					
	Entrez Gene:					
	16016 Ighg2b Related reagents					
RRID	AB_1102662					
Specificity	<b>Goat anti Mouse IgG2b antibody</b> recognizes Mouse IgG2b as has been cross absorbed against mouse IgM, IgG1, IgG2a, IgG3 and IgA, pooled human sera and purified human paraproteins. Goat anti Mouse IgG2b antibody shows minimal cross-reactivity with human immunoglobulins.					
References	1. Knipping, K. <i>et al.</i> (2011) A gastrointestinal rotavirus infection mouse model for immune modulation studies. <u>Virol J. 8: 109.</u>					
	2. Hwang, S.R. <i>et al.</i> (2015) Altered expression levels of neurodevelopmental proteins in fetal brains of BTBR T+tf/J mice with autism-like behavioral characteristics. <u>J Toxicol</u> Environ Health A 78 (8): 516-23					
	3. Zhao, Z. <i>et al.</i> (2015) Multiple B-cell epitope vaccine induces a <i>Staphylococcus</i>					
	enterotoxin B-specific IgG1 protective response against MRSA infection. <u>Sci Rep. 5:</u>					
	<u>12371.</u> 4. Kushwaha, V. <i>et al.</i> (2019) Troponin 1 of human filarial parasite <i>Brugia malavi</i> : cDNA					
	cloning, expression, purification, and its immunoprophylactic potential. <u>Parasitol Res. 118</u> (6): 1849-63.					
	5. Shi, F. <i>et al.</i> (2020) The changes of immune-related molecules within the ileal mucosa					
	of piglets infected with porcine circovirus type 2. <u>J Vet Sci. 21 (5): e78.</u>					
	6. Relic, B. <i>et al.</i> (2018) Serum starvation raises turnover of phosphorylated p62/SQSTM1					
	(Serine 349), reveals expression of proteasome and N-glycanase1 interactive protein RAD23B and sensitizes human synovial fibroblasts to BAY 11-7085-induced cell death. Oncotarget. 9 (88): 35830-43.					
	7. Wu, Y. <i>et al.</i> (2020) Sterilizing immunity against SARS-CoV-2 in hamsters conferred by					
	a novel recombinant subunit vaccine bioRxiv: 20 Dec.[Epub ahead of print].					
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.					
	Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.					
Guarantee	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.					
Health And Safety Information	Material Safety Datasheet documentation #10322 available at: https://www.bio-rad-antibodies.com/SDS/STAR134A 10322					

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To find a b	atch/lot specific datasheet	for this produc	t, please use our online sea 'M428689:240301'	arch tool at: b	io-rad-antibodies.com/datasheets

## Printed on 23 May 2025

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