

Datasheet: NB-47-05957-500UG

Description:	GOAT ANTI MOUSE IgG2b
Specificity:	IgG2b
Format:	Purified
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.neo-biotech.com.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
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. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Species Cross Reactivity	Does not react with:Human
Product Form	Purified IgG - liquid

Antiserum Preparation Antisera to mouse IgG2b were raised by repeated immunisation of goats with purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Borate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml

Immunogen	Mouse IgG2b paraproteins.
External Database Links	<p>UniProt: P01867</p> <p>Entrez Gene: 16016 Ighg2b</p>
RRID	AB_1102664
Specificity	Goat anti Mouse IgG2b antibody 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	<ol style="list-style-type: none"> Knipping, K. <i>et al.</i> (2011) A gastrointestinal rotavirus infection mouse model for immune modulation studies. Virologia J. 8: 109. 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. J Toxicol Environ Health A. 78 (8): 516-23. 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. Sci Rep. 5: 12371. Kushwaha, V. <i>et al.</i> (2019) Troponin 1 of human filarial parasite <i>Brugia malayi</i>: cDNA cloning, expression, purification, and its immunoprophylactic potential. Parasitol Res. 118 (6): 1849-63.
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation available at: www.neo-biotech.com
Regulatory	For research purposes only

Printed on 22 Oct 2023