

RAT ANTI MOUSE IgG2b HEAVY CHAIN

#Cat: NB-47-04401-250UG

Size: 0.25mg

Description:	RAT ANTI MOUSE IgG2b HEAVY CHAIN
Specificity:	IgG2b HEAVY CHAIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	LO-MG2b-2
Isotype:	IgG1
Quantity:	0.25 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	▪		1.25ug/ml (detection)	
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 on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified mouse IgG2b.

External Database

Links	UniProt: P01867
	Entrez Gene: 16016 Ighg2b
RRID	AB_321834
Fusion Partners	Spleen cells from immunized LOU/c rats were fused with cells of the rat IR983F myeloma cell line.
Specificity	Rat anti Mouse IgG2b Heavy Chain antibody, clone LO-MG2b-2 reacts with mouse IgG2b heavy chain. The avidity of Rat anti Mouse IgG2b Heavy Chain antibody, clone LO-MG2b-2 for IgG2b is $1 \times 10^{10} \text{ M}^{-1}$.
References	<ol style="list-style-type: none">1. Bazin, H. <i>et al.</i> (1984) Rat monoclonal antibodies. I. Rapid purification from in vitro culture supernatants. J Immunol Methods. 66 (2): 261-9.2. Denis, O. <i>et al.</i> (1993) Resting B cells can act as antigen presenting cells in vivo and induce antibody responses. Int. Immunol. 5: 71-8.3. DeGiovanni, C. <i>et al.</i> (2019) Cancer Vaccines Co-Targeting HER2/Neu and IGF1R. Cancers (Basel). 11 (4)Apr 11 [Epub ahead of print].

Storage
store at

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

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
