

# Product Datasheet

## Rabbit IgG Isotype Control [Alexa Fluor® 488] NBP2-24982

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-24982**

Rabbit IgG Isotype Control [Alexa Fluor® 488]

Product Information	
Unit Size	0.1 ml
Concentration	Please contact technical services for concentration.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 488
Purity	Affinity purified
Buffer	50 mM Sodium Borate

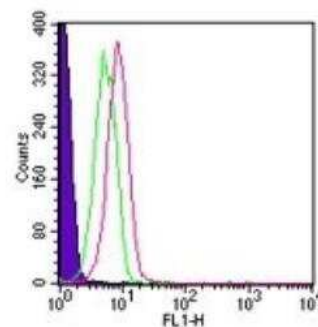
Product Description	
Description	This Rabbit IgG immunoglobulin is useful as an isotype control for Rabbit IgG antibody.
Host	Rabbit
Gene ID	3500
Gene Symbol	IGHG1
Species	Rabbit
Notes	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p>

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry 1 ul/1 million cells, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500
Application Notes	Optimal dilution of this antibody should be experimentally determined.



## Images

Flow Cytometry: Rabbit IgG Isotype Control [Alexa Fluor 488] [NBP2-24982] - Intracellular analysis of TLR1 in human PBMCs (lymphocyte-gated) using this antibody. Shaded histogram represents cells alone, green represents isotype control, red represents TLR1 antibody. TLR intracellular flow kit was used for this test.



## Publications

Montes de Oca R, Alavi AS, Vitali N et al. Belantamab Mafodotin (GSK2857916) Drives Immunogenic Cell Death and Immune-mediated Antitumor Responses In Vivo Molecular Cancer Therapeutics 2021-10-01 [PMID: 34253590] (Flow Cytometry)

Takanashi Naoya, Tomosada Yohsuke, Villena Julio et al. Advanced application of bovine intestinal epithelial cell line for evaluating regulatory effect of lactobacilli against heat-killed enterotoxigenic Escherichia coli-mediated inflammation. BMC Microbiol. [PMID: 23497067] (ICC/IF)

Details:

Citation using the Alexa Fluor 488 form of this antibody.

Shimazu T, Villena J, Tohno M et al. Immunobiotic Lactobacillus jensenii elicits anti-inflammatory activity in porcine intestinal epithelial cells by modulating negative regulators of the Toll-like receptor signaling pathway. Infect Immun. 2012-01-01 [PMID: 22083706] (Flow-CS)

Details:

Cat no 20304E (normal rabbit IgG isotype control): Flow (cell surface), Fig 4C (porcine intestinal epitheliocyte cell line).

Turco F, Sarnelli G, Cirillo C et al. Enteroglia-derived S100B protein integrates bacteria-induced Toll-like receptor signalling in human enteric glial cells. Gut. [PMID: 23292665] (ICC/IF, Human)

Details:

Citation using the Alexa Fluor 488 form of this antibody.

Wu J, Meng Z, Jiang M et al. Toll-like receptor-induced innate immune responses in non-parenchymal liver cells are cell type-specific. Immunology. [PMID: 19922426]

Details:

Citation using the PE/Cy5 form of this antibody.

Patole PS, Pawar RD, Lech M et al. Expression and regulation of Toll-like receptors in lupus-like immune complex glomerulonephritis of MRL-Fas(lpr) mice. Nephrol Dial Transplant. 2006-11-01 [PMID: 16954173]

Details:

For IHC (frozen) on mouse kidney sections (Fig. 5): TLR3 (IMG-516), TLR7 (IMG-581A), TLR9 (IMG-431) and Rabbit IgG isotype control antibody (20304). For Flow (Intracellular) and Flow (Cell surface) on J774 mouse macrophage-like cell line (Fig 6B): TLR7 (IMG-581A), TLR9 (IMG-431) and Rabbit Ig isotype control antibody (20304).



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### **Products Related to NBP2-24982**

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NBP1-99014-100ug	Recombinant Mouse IgG His Protein
NB200-540	Complement C3 Antibody (11H9) - BSA Free
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NBP2-29373-100Tests	Annexin V Apoptosis Kit [FITC]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls are guaranteed for 1 year from date of receipt.

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