

Product Datasheet

Rabbit IgG Isotype Control

NBP2-24893

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-24893**Rabbit IgG Isotype Control**

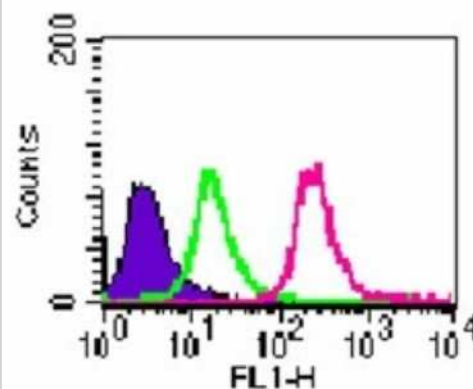
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

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

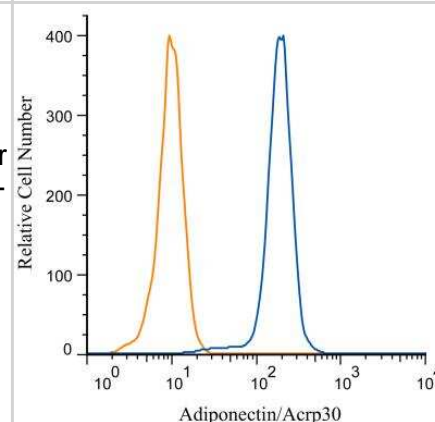
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, In vitro assay
Recommended Dilutions	Flow Cytometry 1ul/1 million cells, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500. Use reported in scientific literature (PMID 22047818), In vitro assay reported in scientific literature (PMID 25467444)
Application Notes	Use the isotype control at the same concentration as the experimental antibody. Optimal dilution of this antibody should be experimentally determined.

Images

Flow Cytometry: Rabbit IgG Isotype Control [NBP2-24893] - Intracellular analysis of mouse TLR 6 polyclonal antibody (Red peak), rabbit isotype control (Green peak), RAW cells (Purple peak). Two micrograms of antibodies were used. Goat anti-rabbit FITC was used as secondary antibody.



Flow Cytometry: Rabbit IgG Isotype Control [NBP2-24893] - An intracellular stain was performed on Raji cells with Adiponectin antibody NB100-65810 (blue) and a matched isotype control NBP2-24893 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature, followed by Dylight488-conjugated anti-rabbit secondary antibody.



Publications

Wang J, Zheng C, Zhai Y, et al. High-density lipoprotein modulates tumor-associated macrophage for chemoimmunotherapy of hepatocellular carcinoma *Nano Today* 2021-04-01

Eustace NJ, Anderson JC, Langford CP et al. Myristoylated alanine-rich C-kinase substrate effector domain phosphorylation regulates the growth and radiation sensitization of glioblastoma. *Int J Oncol.* 2019-03-29 [PMID: 30942445] (WB, Rabbit)

Details:

Citation using the Azide Free form of this antibody.

Vazquez Rodriguez G, Abrahamsson A, Jensen LDE et al. Adipocytes Promote Early Steps of Breast Cancer Cell Dissemination via Interleukin-8 *Front. Immunol* 2018-07-30 [PMID: 30105032] (ICC/IF, Human)

Details:

This citation used the Azide and BSA Free version of this antibody.

Hosoya Shoichi, Villena Julio, Shimazu Tomoyuki et al. Immunobiotic lactic acid bacteria beneficially regulate immune response triggered by poly(I:C) in porcine intestinal epithelial cells. *Vet Res.* [PMID: 22046952] (IF/IHC)

Details:

Citation using the Azide Free form of this antibody.

Chiba Eriko, Villena Julio, Hosoya Shoichi et al. A newly established bovine intestinal epithelial cell line is effective for in vitro screening of potential antiviral immunobiotic microorganisms for cattle. *Res Vet Sci.* [PMID: 22047818] (ICC/IF)

Details:

Citation using the Azide Free form of this antibody.

Liebelt B, Papapetrou P, Ali A et al. Exercise preconditioning reduces neuronal apoptosis in stroke by up-regulating heat shock protein-70 (heat shock protein-72) and extracellular-signal-regulated-kinase 1/2. *Neuroscience*. [PMID: 20083167] (Rat)

Details:

Citation using the Azide Free form of this antibody.

Freund A, Zhong FI, Venteicher As et al. Proteostatic Control of Telomerase Function through TRiC-Mediated Folding of TCAB1. *Cell*. [PMID: 25467444] (In vitro)

Details:

Citation using the Azide Free 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).

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 NBP2-24893

NBP1-99013-50ug	Recombinant Mouse IgG 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]

Limitations

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