

Product Datasheet

Mouse IgG2b Isotype Control (MPC-11) [Alexa Fluor® 488] NBP2-27231AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-27231AF488

Mouse IgG2b Isotype Control (MPC-11) [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	Monoclonal
Clone	MPC-11
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	Alexa Fluor 488
Purity	Affinity purified
Buffer	50 mM Sodium Borate

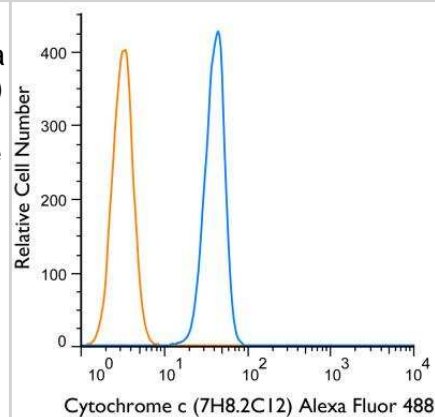
Product Description	
Description	This Mouse IgG2B (MPC-11) immunoglobulin is useful as an isotype control for Mouse IgG2B (MPC-11) antibody.
Host	Mouse
Species	Mouse
Notes	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase 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 outlicensing@lifetech.com. 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, Immunohistochemistry
Recommended Dilutions	Flow Cytometry 1 ul/1 million cells, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500
Application Notes	Optimal dilution of this antibody should be experimentally determined.

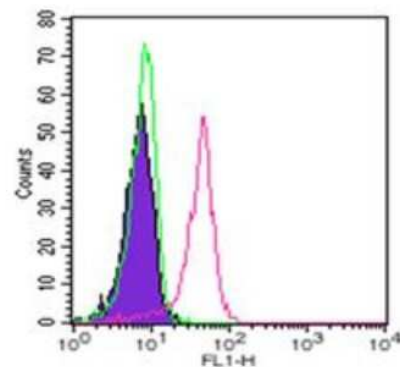


Images

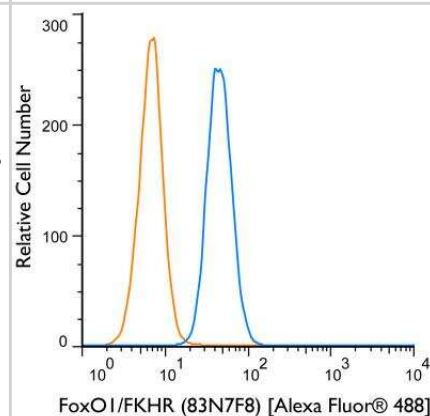
Flow Cytometry: Mouse IgG2B Isotype Control (MPC-11) [Alexa Fluor 488] [NBP2-27231AF488] - An intracellular stain was performed on HeLa cells with Cytochrome c (7H8.2C12) antibody NB100-56503AF488 (blue) and a matched isotype control NBP2-27231AF488 (orange). Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



Flow Cytometry: Mouse IgG2b Isotype Control (MPC-11) [Alexa Fluor (R) 488] [NBP2-27231AF488] - Cell surface analysis of 10^6 human PBMC using 1 ug of mouse isotype control. The shaded histogram represents human PBMC alone; green represents mouse isotype control. FITC-conjugated goat anti-mouse secondary antibody was used for this experiment.



Flow Cytometry: Mouse IgG2B Isotype Control (MPC-11) [Alexa Fluor 488] [NBP2-27231AF488] - An intracellular stain was performed on Daudi cells with FoxO1/FKHR (83N7F8) antibody NBP2-31376AF488 (blue) and a matched isotype control NBP2-27231AF488 (orange). Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.





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Products Related to NBP2-27231AF488

NBP2-27231AF700	Mouse IgG2b Isotype Control (MPC-11) [Alexa Fluor® 700]
MAB9636-100	IgG2b Antibody (2215A) [Unconjugated]

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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