

Product datasheet

Mouse IgG2 α , Kappa Monoclonal [B12/8] - Isotype Control ab91361

[8 References](#) [2 Images](#)

Overview

Product name	Mouse IgG2 α , Kappa Monoclonal [B12/8] - Isotype Control
Tested applications	Suitable for: Flow Cyt
Immunogen	Synthetic peptide. Hapten from sequence of plant origin.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.20 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
Purity	Protein G purified
Purification notes	Purified from supernatant from an in vitro culture.
Clonality	Monoclonal
Clone number	B12/8
Isotype	IgG2 α
Light chain type	kappa

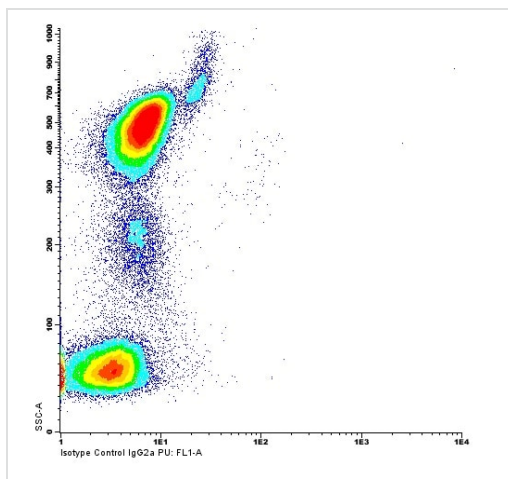
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab91361 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

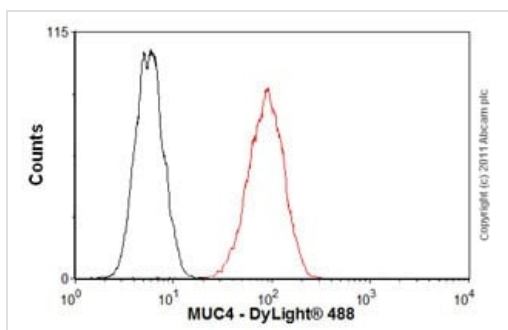
Application	Abreviews	Notes
Flow Cyt		Use 1µg for 10 ⁶ cells. ab91361 is a negative isotype control

Images



Flow Cytometry - Mouse IgG2a, Kappa Monoclonal [B12/8] - Isotype Control (ab91361)

Flow cytometry analysis of normal whole blood sample labeling IgG2a with ab91361 at 1µg.



Flow Cytometry - Mouse IgG2a, Kappa Monoclonal [B12/8] - Isotype Control (ab91361)

Overlay histogram showing A549 cells stained with **ab60720** (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (**ab60720**, 0.5µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] (ab91361, 1µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in A549 cells fixed with 4% paraformaldehyde/permeabilized in 0.1% PBS-Tween used under the same conditions.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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