

Product datasheet

Mouse IgG2b, kappa monoclonal [7E10G10] - Isotype Control - BSA and Azide free ab221850

[1 References](#) [1 Image](#)

Overview

Product name	Mouse IgG2b, kappa monoclonal [7E10G10] - Isotype Control - BSA and Azide free
Specificity	This Mouse IgG2b Isotype Control Antibody was raised in mouse against a yeast-specific protein making it unsuitable for yeast experiments.
Tested applications	Suitable for: ICC/IF, Flow Cyt, ELISA
General notes	<p>This antibody clone is manufactured by Abcam.</p> <p>ab221850 is a PBS only buffer formulated version of ab170192.</p> <p>Isotype controls are used to confirm that the primary antibody binding is specific and not a result of non-specific Fc receptor binding or other protein interactions. The isotype control antibody should match the primary antibody's host species, isotype, and possible conjugation.</p> <p>If you require this antibody in a particular buffer formulation or a particular conjugate for your experiments, please contact orders@abcam.com or you can find further information here.</p> <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 -20°C.
Storage buffer	pH: 7.5 Constituent: 100% PBS
Carrier free	Yes
Purity	Ammonium Sulphate Precipitation
Clonality	Monoclonal

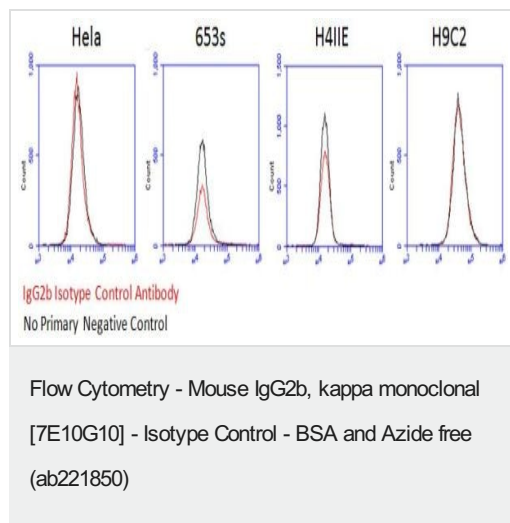
Clone number	7E10G10
Isotype	IgG2b
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab221850 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
ICC/IF		Use a concentration of 1 µg/ml.
Flow Cyt		Use a concentration of 1 µg/ml.
ELISA		Use at an assay dependent concentration.

Images



This flow cytometry data was generated using the same antibody clone under a different buffer format (cat# [ab170192](#)).

Flow cytometry experiments with 4% PFA fixed HeLa (human adenocarcinoma), 653s (mouse myeloma), H4IIE (rat hepatoma) and H9C2 (rat myoblast) were performed with the IgG2b Isotype Control Antibody (red) and no primary antibody negative control (black). An Alexa Fluor® 488 conjugate with isotype specificity to the mouse antibody was used as a secondary antibody.

The isotype control at 1 µg/mL shows no higher signal than the no primary negative control.

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