DATASHEET

FITC labeled Rat IgG2a Isotype Control

CAT. NO. ARA5817

KEY FEATURES

Target	Rat IgG2a	**Source/Host**	Rat
Clonality	Monoclonal	**Applications**	IF/ICC,FC
Conjugation	FITC	**Isotype**	IgG2a
Storage	at 4°C		

BACKGROUND

Isotype controls are monoclonal or polyclonal antibodies that match the isotype of the primary antibody but lack specificity to the intended target antigen. They are essential negative controls in flow cytometry, immunofluorescence and other immunoassays, allowing researchers to distinguish specific antibody binding from non-specific background staining caused by Fc receptor binding or other sources of background signal. This FITC-conjugated rat IgG2a antibody should be used at the same concentration and under the same conditions as the matched FITC-conjugated primary antibody.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	Assay-dependent
FC	10 µl/assay

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	FITC labeled Rat IgG2a Isotype Control can be used as an isotype control in flow cytometry and other applications.
Specificity	Rat IgG2a isotype control antibody with no specific reactivity to target antigens.
Antibody Type	Primary antibody
Purification	The antibody was purified by affinity chromatography.
Isotype	IgG2a
Form/Buffer	Liquid in PBS, pH 7.3, with 0.02% sodium azide.

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C, DO NOT FREEZE. Stable for one year from the date of shipment.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com