

Product datasheet

FITC Rat IgM, kappa monoclonal [RTK2118] - Isotype control ab35774

Overview

Product name FITC Rat IgM, kappa monoclonal [RTK2118] - Isotype control

Conjugation FITC. Ex: 493nm, Em: 528nm

Tested applications **Suitable for:** Flow Cyt, WB, IP, IHC-Fr, IHC-P

General notes

Isotype Control monoclonal antibodies are used to estimate the non-specific binding of target primary antibodies to cell surface antigens. Non-specific binding is due to Fc receptor binding or other protein-protein interactions. Isotype controls show negligible cross-reactivity with cell surface antigens on tissue sections or in cellular preparations. Isotype Controls should be used at identical concentrations and staining conditions as the target primary antibodies.

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 the problem with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation.

One factor contributing to the crisis is the use of antibodies that are not suitable. This can lead to misleading results and the use of incorrect data informing project assumptions and direction. To help address this challenge, we have introduced an application and species grid on our primary antibody datasheets to make it easy to simplify identification of the right antibody for your needs.

Learn more [here](#).

Properties

Form Liquid

Storage instructions Shipped at 4°C. Store at +4°C.

Storage buffer pH: 7.20
Preservative: 0.09% Sodium azide
Constituent: PBS

Purity Purified IgM

Isotype control notes Isotype Control monoclonal antibodies are used to estimate the non-specific binding of target primary antibodies to cell surface antigens. Non-specific binding is due to Fc receptor binding or other protein-protein interactions. Isotype controls show negligible cross-reactivity with cell surface antigens on tissue sections or in cellular preparations. Isotype Controls should be used at identical concentrations and staining conditions as the target primary antibodies.

Clonality	Monoclonal
Clone number	RTK2118
Isotype	IgM
Light chain type	kappa

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of **ab35774** 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 at an assay dependent dilution.
WB		Use at an assay dependent dilution.
IP		Use at an assay dependent dilution.
IHC-Fr		Use at an assay dependent dilution.
IHC-P		Use at an assay dependent dilution.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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