abcam

ab35768

Rat IgM, kappa monoclonal [RTK2118] - Isotype Control

Key facts

Isotype	IgM
Host species	Rat
Storage buffer	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Clone number	RTK2118
Purity	IgM fraction
Light chain type	kappa
Concentration	0.5 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Application	IP
Reactivity	Expected
Dilution info	-
Notes	-

Application	IHC-Fr
Reactivity	Expected
Dilution info	-

Notes	-

Application	ICC/IF
Reactivity	Expected
Dilution info	-
Notes	-

Application	WB
Reactivity	Expected
Dilution info	-
Notes	-

Application	IHC-P
Reactivity	Expected
Dilution info	-
Notes	-

Application	Flow Cyt
Reactivity	Reacts
Dilution info	2 µg for 10^6 Cells
Notes	ab35768 is a negative isotype control

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C

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.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

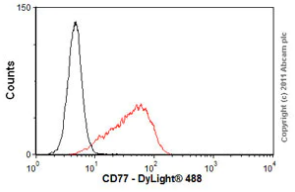
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

1 product image



Flow Cytometry - Rat IgM, kappa monoclonal [RTK2118] - Isotype Control (ab35768)

Flow Cytometry staining using rat Anti- antibody

Overlay histogram showing RAMOS cells stained with ab19795 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab19795, 1/10 dilution) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-rat IgG (H+L) (ab98386) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was rat kappa monoclonal [RTK2118] (ab35768, 2µg/1x10^6 cells) used under the same conditions. Acquisition of >5,000 events was performed.
Please note that Abcam do not have any data for use of this antibody on non-fixed cells. We welcome any customer feedback.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.