abcam

ab37415

Rabbit IgG, polyclonal - Isotype Control

Rabbit IgG, polyclonal - Isotype Control (ab37415) is a rabbit polyclonal antibody used in **Flow Cytometry, IP, IHC-P, ICC/IF, ELISA, ChIP/Chip**.

- Over 270 publications
- Trusted since 2006

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 8.2 Constituents: 100% Borate buffered saline
Form	Liquid
Clonality	Polyclonal
Purification technique	Affinity purification
Specificity	This antibody has been selected to be an isotype control as it has no known specificity. Please note that the rabbit IgG Fc region may bind nonspecifically to human tissue. Rabbit IgG is an isotype control used to estimate the non-specific binding of target primary antibodies due to Fc binding or other protein-protein interactions.
Concentration	5 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	Protein A-purified

Reactivity data

Application	IHC-P
Reactivity	Expected
Dilution info	-

Notes	-

Application	ChIP/Chip
Reactivity	Expected
Dilution info	-
Notes	-

Application	ICC/IF
Reactivity	Expected
Dilution info	-
Notes	-

Application	ELISA
Reactivity	Reacts
Dilution info	-
Notes	-

Application	Flow Cyt
Reactivity	Reacts
Dilution info	1 µg for 10^6 Cells
Notes	-

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

Rabbit IgG, polyclonal - Isotype Control (ab37415) is validated for use in ChIP/Chip, ELISA, Flow Cyt, ICC/IF, IHC-P.

Rabbit IgG, polyclonal - Isotype Control (ab37415) has been cited over 279 times in peer reviewed journals and is trusted by the scientific community.

Abcam's high quality validation processes ensure Rabbit IgG, polyclonal - Isotype Control (ab37415) has high sensitivity and specificity. Rabbit IgG Isotype Control (ab37415) is sold in 5 mg selling sizes.

REACH authorisation
Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances.
It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.

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.

3 product images

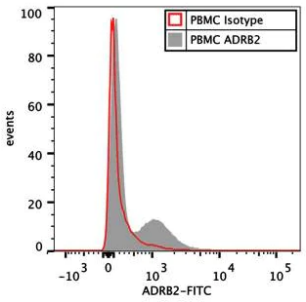
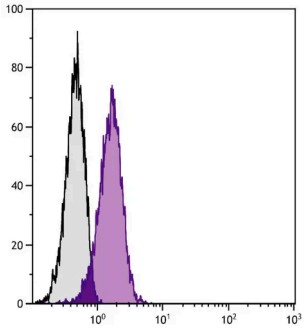


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Flow Cytometry - Rabbit IgG, polyclonal - Isotype Control (ab37415)

Flow Cytometry staining using rabbit Anti- antibody

Histogram showing the fluorescence signal for ADRB2-FITC in PBMCs compared to an Isotype control.
PBMCs were generated from freshly-drawn blood from healthy human donors. After staining with antibodies against ADRB2 (ab36956) or an isotype control (ab37415), cells were incubated with FITC-labeled secondary anti-rabbit-IgG antibody, and ADRB2 expression was assessed by flow cytometry.



Flow Cytometry - Rabbit IgG, polyclonal - Isotype Control (ab37415)

Flow Cytometry staining of Jurkat (Human T Cell leukemia cell line) using rabbit Anti- antibody

Flow cytometric overlay histogram showing Jurkat (Human T Cell leukemia cell line), was stained with Rabbit IgG, polyclonal - Isotype Control (ab37415) and Rabbit Anti-Human DR5-UNLB followed by Mouse Anti-Rabbit IgG-PE.

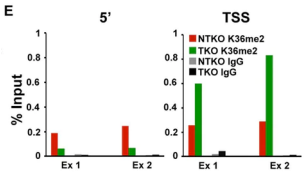


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ChIP - Rabbit IgG, polyclonal - Isotype Control (ab37415)

ChIP-qPCR for H3K36me2 on the *BTF3* locus in NTKO and TKO cells. Methylation enrichment was tested 5 kb upstream of the TSS (5') and at the TSS (right). ab37415 was used as the isotype contol.

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