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#2985

# Rabbit (DA1E) mAb IgG XP® Isotype Control (Alexa Fluor® 647 Conjugate)



**Cell Signaling**  
TECHNOLOGY®

**Orders:** 877-616-CELL (2355)  
orders@cellsignal.com

**Support:** 877-678-TECH (8324)

**Web:** info@cellsignal.com  
cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

**For Research Use Only. Not for Use in Diagnostic Procedures.**

Applications:	Concentration:	Sensitivity:	Source/Isotype:
IF-IC, FC-FP, FC-L	100 µg/ml	Endogenous	Rabbit IgG

## Product Usage Information

Note: This control antibody must be diluted to the same concentration (not dilution) as the specific antibody use in analysis. Higher background fluorescence may result if excessive amounts of isotype control are used. For protocol details, please reference the product page for the specific antibody used in analysis.

## Storage

Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. Do not aliquot the antibody. Protect from light. Do not freeze.

## Specificity / Sensitivity

Rabbit (DA1E) mAb IgG XP® Isotype Control (Alexa Fluor® 647 Conjugate) is not expected to recognize any specific antigen. It functions as an isotype control for rabbit monoclonal antibodies.

## Source / Purification

The purified antibody was conjugated to Alexa Fluor® 647 under optimal conditions with a F/P ratio of 2-6.

## Product Description

This Cell Signaling Technology antibody was conjugated to Alexa Fluor® 647 fluorescent dye and tested in-house for direct flow cytometric analysis of human cells.

## Background

Isotype control antibodies are used to estimate the nonspecific binding of target primary antibodies due to F<sub>c</sub> receptor binding or other protein-protein interactions. An isotype control antibody should have the same immunoglobulin type and be used at the same concentration as the test antibody.

## Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

## Applications Key

**IF-IC:** Immunofluorescence (Immunocytochemistry) **FC-FP:** Flow Cytometry (Fixed/Permeabilized)  
**FC-L:** Flow Cytometry (Live)

## Cross-Reactivity Key

**H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Mi:** mink **C:** chicken **Dm:** D. melanogaster  
**X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Sc:** S. cerevisiae **Ce:** C. elegans **Hr:** horse  
**GP:** Guinea Pig **Rab:** rabbit **All:** all species expected

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