

# FITC Rabbit IgG isotype control

Catalog No.: A25616

## Basic Information

### Observed MW

### Calculated MW

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

### CloneNo number

ARC5105-10-FITC

### Conjugate

FITC. Ex:491nm. Em:516nm.

## Background

The isotype of a primary antibody and the application it is being used in can result in background staining. Primary antibody background noise can be caused by binding to Fc receptors on target cells; by non-specific interactions with cellular proteins, carbohydrates, and lipids; or by cell autofluorescence. Isotype control antibodies can act as negative controls to help differentiate non-specific background signal from specific antibody signal because they have no relevant specificity to a target antigen. An isotype control antibody should have the same immunoglobulin type and be used at the same concentration as the test antibody.

## Recommended Dilutions

FC 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

A synthesized peptide derived from rabbit IgG isotype control.

### Synonyms

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

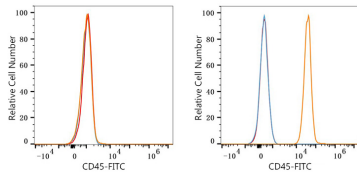
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300, 0.2% BSA, pH7.3.

## Validation Data

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Flow cytometry:  $1 \times 10^6$  293T cells (negative control, left) and Jurkat cells (right) were surface-stained with FITC anti-human CD45 mAb ( $5 \mu\text{l}/\text{Test}$ , orange line) or FITC Rabbit IgG isotype control (A25616,  $5 \mu\text{l}/\text{Test}$ , blue line). Non-fluorescently stained cells were used as blank control (red line).