Leader in Biomolecular Solutions for Life Science

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# Biotin Rabbit IgG isotype control

**Catalog No.: A25626**

## Basic Information

**Observed MW**

**Calculated MW**

**Category**
Primary antibody

**Applications**
FC

**Cross-Reactivity**

**CloneNo number**
ARC5105-10

**Conjugate**
Biotin

## 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 µl per 10^6 cells in 100 µl volume |

## Immunogen Information

**Gene ID**

**Swiss Prot**

**Immunogen**
Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**

## Contact


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## Product Information

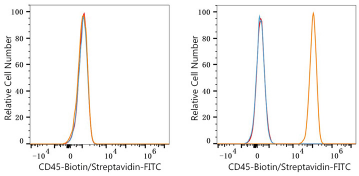
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at 2-8℃. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data




Flow cytometry: 1X10^6 293T cells (negative control,left) and Jurkat cells (right) were surface-stained with Biotin Rabbit anti-Human CD45 mAb (A25627,5 µl/Test,orange line) or Biotin Rabbit IgG isotype control (A25626,5 µl/Test,blue line), followed by Alexa Fluor® 488 Streptavidin staining (5 µl/Test,orange line). Non-fluorescently stained cells were used as blank control (red line).