Leader in Biomolecular Solutions for Life Science

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# ABflo® 594 Rabbit anti-FITC/5-FAM/6-FAM

**Catalog No.: A24240**

## Basic Information

**Observed MW**

**Calculated MW**

**Category**
Primary antibody

**Applications**
FC

**Cross-Reactivity**
Species independent

**CloneNo number**
ARC51071

**Conjugate**
ABflo® 594. Ex:588nm. Em:604nm.

## Background

FITC (fluorescein isothiocyanate) is a fluorochrome dye that absorbs ultraviolet or blue light causing molecules to become excited and emit a visible yellow-green light. This emission ceases upon removal of the light causing the excitation. Fluorochrome labeling provides rapid, accurate localization of antigen-antibody interaction when one of the reactants is part of a cell, tissue or other biological structure. FITC is a commonly used marker for antibodies in immunofluorescent techniques since the conjugation of FITC to proteins is relatively easy and does not, in general, destroy the biological activity of the labeled protein. FITC is widely used as a hapten to label different proteins.

## Recommended Dilutions

| | |
|---|---|
| **FC** | 5 µl per 10^6 cells in 100 µl volume |

## Immunogen Information

**Gene ID**

**Swiss Prot**

**Immunogen**
Chemical compounds corresponding to FITC/5-FAM/6-FAM.

**Synonyms**
FITC

## Contact


400-999-6126

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## Product Information

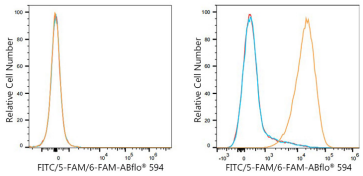
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at 2-8℃

## Validation Data




Flow cytometry:1X10^6 HT-29 cells (negative control,left) and Raji cells (right) were surface-stained with Mouse anti-Human CD86 mAb(Biolegend 374203,5 µl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,blue line),then stained with ABflo® 594 Rabbit anti-FITC/5-FAM/6-FAM mAb(A24240,5 µl/Test,Non-fluorescently stained cells were used as blank control (red line).



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