Leader in Biomolecular Solutions for Life Science

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# ABflo® 594 Rabbit anti-Human FcεR1α mAb

## Catalog No.: A25412

Recombinant

## Basic Information

**Observed MW**

**Calculated MW**
30kDa

**Category**
Monoclonal Antibodies

**Applications**
FC

**Cross Reactivity**
Human, Cynomolgus

**Clone No.**
ARC66910

## Background

The immunoglobulin epsilon receptor (IgE receptor) is the initiator of the allergic response. When two or more high-affinity IgE receptors are brought together by allergen-bound IgE molecules, mediators such as histamine that are responsible for allergy symptoms are released. This receptor is comprised of an alpha subunit, a beta subunit, and two gamma subunits. The protein encoded by this gene represents the alpha subunit.

## Recommended Dilutions

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

## Immunogen Information

**Gene ID**
2205

**Swiss-Prot**
P12319

**Immunogen**
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

**Synonyms**
FCE1A; FcERI; FCERIA


**Contact**

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## Product Information

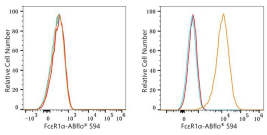
**Source**
Rabbit

**Isotype**
IgG

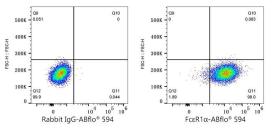
**Purity**
Affinity purification

**Storage**
Store at 2-8℃. Avoid freeze / thaw cycles.
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 Jurkat cells (negative control,left) and HEL cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human FcεR1α mAb (A25412,5 µl/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 HEL cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo® 594 Rabbit anti-Human FcεR1α mAb (A25412,5 µl/Test,right).