Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit anti-Human FcεR1α mAb

Catalog No.: A25410

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

400-999-6126

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Product Information

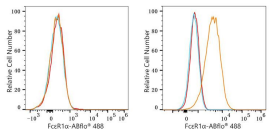
Source
Rabbit

Isotype
IgG

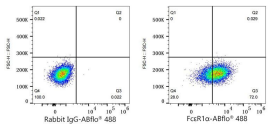
Purity
Affinity purification

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® 488 Rabbit anti-Human FcεR1α mAb (A25410,5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 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® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human FcεR1α mAb (A25410,5 µl/Test,right).