

ABflo® 488 Rabbit anti-Human FcεR1α mAb

Catalog No.: A25410

Basic Information

Observed MW

Calculated MW

30kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC66910-ABflo488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

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.

Immunogen Information

Gene ID

2205

Swiss Prot

P12319

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 26-205 of human FcεR1α (NP_001992.1).

Synonyms

FCE1A; FcERI; FCERIA

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

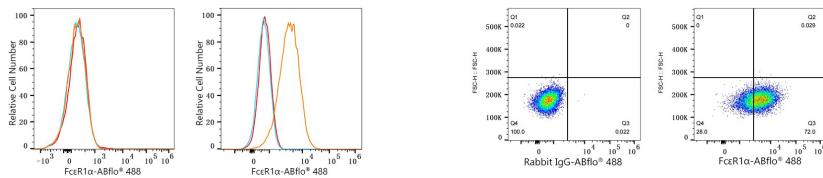
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 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: 1×10^6 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).