

A22490

Leader in Biomolecular Solutions for Life Science



ABflo® 488 Rabbit anti-Cat CD3G mAb

Catalog No.: A22490

Basic Information

Observed MW

Calculated MW
20kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC

Cross-Reactivity

Cat

CloneNo number

ARC55138-ABf488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

The protein encoded by this gene is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Defects in this gene are associated with T cell immunodeficiency.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID
101089292

Swiss Prot

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 23-116 of cat CD3G (XP_003992456.3).

Synonyms

T3G; IMD17; CD3GAMMA; CD3-GAMMA

Contact



www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

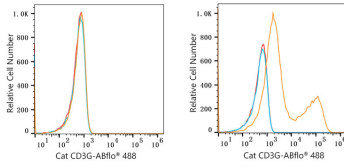
Purification
Affinity purification

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 293F cells (negative control, left) and 293F (Transfection, right) cells were surface-stained with ABflo® 488 Rabbit anti-Cat CD3G mAb (A22490, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).