# ABflo® 647 Rabbit anti-Cat CD3G mAb

**ABclonal** www.abclonal.com

Catalog No.: A22491

## **Basic Information**

#### **Observed MW**

**Calculated MW** 20kDa

Category

Primary antibody

**Applications** 

**Cross-Reactivity** 

CloneNo number

ARC55138

Conjugate

ABflo® 647, Ex:648nm, Em:664nm,

## **Background**

The protein encoded by this gene is the CD3-gamma polypeptide, which together with CD3epsilon, -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 10^6 cells in 100 μl volume

## **Immunogen Information**

**Gene ID** 

101089292

#### **Immunogen**

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

**Swiss Prot** 

## **Synonyms**

T3G; IMD17; CD3GAMMA; CD3-GAMMA

## **Contact**

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## **Product Information**

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

#### Storage

Store at 2-8°C. Avoid freeze.

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 293F cells (negative control,left) and 293F (Transfection,right) cells were surface-stained with ABflo® 647 Rabbit anti-Cat CD3G mAb (A22491,2 µg/mL,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,2 µg/mL,blue line). Nonfluorescently stained cells was used as blank control (red line).

Flow cytometry: 1X10^6 293F (Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5  $\mu$ I/Test,left) or ABflo® 647 Rabbit anti-Cat CD3G mAb (A22491,5  $\mu$ I/Test,right).