

A23172

Leader in Biomolecular Solutions for Life Science



## ABflo® 647 Rabbit anti-Cat CD27 mAb

Catalog No.: A23172

### Basic Information

#### Observed MW

#### Calculated MW

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

FC

#### Cross-Reactivity

Cat

#### CloneNo number

ARC58370-ABf647

#### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

### Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.

### Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

### Immunogen Information

#### Gene ID

101091633

#### Swiss Prot

#### Immunogen

Recombinant protein of cat CD27.

#### Synonyms

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

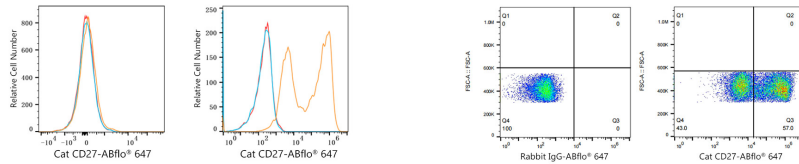
Affinity purification

#### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  293F cells (negative control, Left) and 293F (Transfection, right) cells were surface-stained with ABflo® 647 Rabbit anti-Cat CD27 mAb (A23172, 5  $\mu$ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  293F cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, left) or ABflo® 647 Rabbit anti-Cat CD27 mAb (A23172, 5  $\mu$ l/Test, right).