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ABflo® 488 Rabbit anti-Human CD27 mAb

Catalog No.: A22063

#### **Basic Information**

#### **Observed MW**

Refer to figures

#### **Calculated MW**

29kDa

### Category

Primary antibody

#### **Applications**

FC

#### **Cross-Reactivity**

Human

#### CloneNo number

ARC54542

#### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## **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 10^6 cells in 100 μl volume

## Immunogen Information

Gene ID 939 **Swiss Prot** 

P26842

#### **Immunogen**

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

#### **Synonyms**

T14; S152; Tp55; TNFRSF7; S152. LPFS2

#### **Contact**

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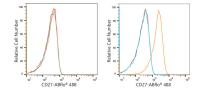
#### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at 2-8°C. Avoid freeze.

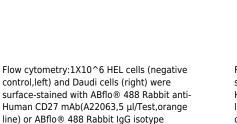
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

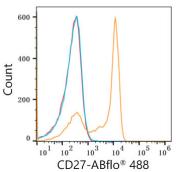


control (A22069,5 µl/Test,blue line). Non-

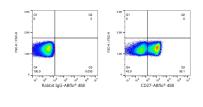
fluorescently stained cells were used as

blank control (red line).





Flow cytometry:1X10^6 Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human CD27 mAb(A22063,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line).Non-fluorescently stained Human PBMC was used as blank control (red line).



Flow cytometry:1X10^6 Human PBMC cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD27 mAb(A22063,5 µl/Test,right).