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# ABflo® 594 Rabbit anti-Human CD225/IFITM1 mAb

Catalog No.: A24591

## **Basic Information**

#### **Observed MW**

## **Calculated MW**

13kDa

## Category

Primary antibody

## **Applications**

FC (intra)

## **Cross-Reactivity**

Human

#### CloneNo number

ARC55310-ABflo594

## Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

# **Background**

Interferon-induced transmembrane (IFITM) proteins are a family of interferon induced antiviral proteins. The family contains five members, including IFITM1, IFITM2 and IFITM3 that belong to the CD225 superfamily. The protein encoded by this gene restricts cellular entry by diverse viral pathogens, such as influenza A virus, Ebola virus and Sars-CoV-2.

# **Recommended Dilutions**

FC (intra)

5  $\mu$ l per 10^6 cells in 100  $\mu$ l volume

# **Immunogen Information**

Gene ID 8519 **Swiss Prot** 

P13164

## **Immunogen**

Recombinant fusion protein containing a sequence within amino acids 1-80 of human CD225/IFITM1 ( $NP_003632.4$ ).

## **Synonyms**

IFITM1; 9-27; CD225; DSPA2a; IFI17; LEU13; interferon-induced transmembrane protein 1

## **Contact**

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## **Product Information**

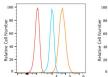
SourceIsotypePurificationRabbitIgGAffinity purification

## **Storage**

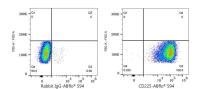
Store at 2-8°C. Avoid freeze.

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

# **Validation Data**







Flow cytometry:1X10^6 U-251MG cells (Low Expression,left) and K-562 cells (right) were intracellularly-stained with ABflo® 594 Rabbit anti-Human CD225/IFITM1 mAb(A24591,5 µl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:1X10^6 K-562 cells were intracellularly-stained with ABflo \$ 594 Rabbit IgG isotype control (A23821,5  $\mu$ I/Test,left) or ABflo \$ 594 Rabbit anti-Human CD225/IFITM1 mAb(A24591,5  $\mu$ I/Test,right).