

A25114

Leader in Biomolecular Solutions for Life Science



# ABflo® 594 Rabbit anti-Human IFN-alpha/beta R2 mAb

Catalog No.: A25114

## Basic Information

### Observed MW

### Calculated MW

58kDa/37kDa/27kDa

### Category

SMab Recombinant Monoclonal Antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC63166-ABflo594

### Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

## Recommended Dilutions

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

## Background

The protein encoded by this gene is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. The protein belongs to the type II cytokine receptor family. Mutations in this gene are associated with Immunodeficiency 45.

## Immunogen Information

### Gene ID

3455

### Swiss Prot

P48551

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 28-237 of human IFN-alpha/beta R2(NP\_008896.2).

### Synonyms

IFN-R; IMD45; IFNABR; IFNARB; IFN-R-2; IFN-alpha-REC; IFNAR2

## Contact



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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

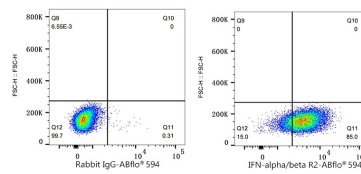
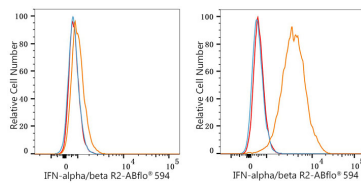
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  T-47D cells (Low Expression, left) and U266 cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human IFN-alpha/beta R2 mAb (A25114, 5  $\mu$ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  U266 cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, left) or ABflo® 594 Rabbit anti-Human IFN-alpha/beta R2 mAb (A25114, 5  $\mu$ l/Test, right).