

# ABflo® 488 Rabbit anti-Human Desmoglein 3/PVA mAb

Catalog No.: A26590

## Basic Information

### Observed MW

### Calculated MW

108kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC69331-ABflo488

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

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

## Background

This gene encodes a member of the desmoglein family and cadherin cell adhesion molecule superfamily of proteins. Desmogleins are calcium-binding transmembrane glycoprotein components of desmosomes, cell-cell junctions between epithelial, myocardial, and other cell types. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This gene is present in a gene cluster with other desmoglein gene family members on chromosome 18. The encoded protein has been identified as the autoantigen of the autoimmune blistering disease pemphigus vulgaris.

## Immunogen Information

### Gene ID

1830

### Swiss Prot

P32926

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 50-615 of human Desmoglein 3/PVA (NP\_001935.2).

### Synonyms

PVA; ABOLM; CDHF6

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

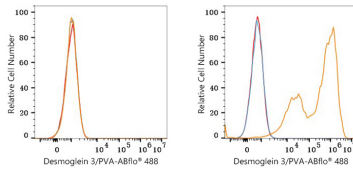
Affinity purification

### Storage

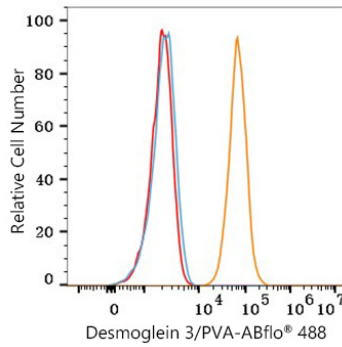
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

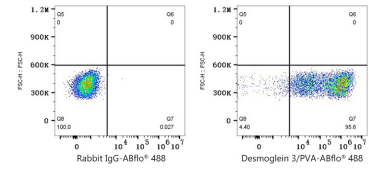
## Validation Data



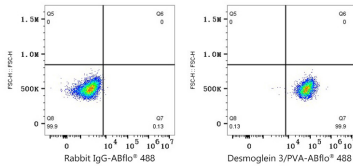
Flow cytometry:  $1 \times 10^6$  293T cells (negative control, left) and 293T (Transfection, right) cells were surface-stained with ABflo® 488 Rabbit anti-Human Desmoglein 3/PVA mAb (A26590,5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  A-431 cells were surface-stained with ABflo® 488 Rabbit anti-Human Desmoglein 3/PVA mAb (A26590,5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  293T (Transfection) cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Human Desmoglein 3/PVA mAb (A26590,5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  A-431 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Human Desmoglein 3/PVA mAb (A26590,5  $\mu$ l/Test, right).