

# ABflo® 488-conjugated Goat anti-Rabbit IgG (H+L)

Catalog No.: AS073 **5 Publications**

## Basic Information

### Observed MW

### Calculated MW

### Category

Secondary antibody

### Applications

IF/ICC,FC

### Cross-Reactivity

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### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Background

Secondary antibodies are affinity-purified antibodies which will work with target-specific primary antibody in the detection, sorting or purification of its specified target. Secondary antibodies offer increased versatility enabling users to use many detection systems (e.g. HRP, AP, fluorescence). They can also provide greater sensitivity through signal amplification as multiple secondary antibodies. Most commonly, secondary antibodies are generated by immunizing the host animal (different from host species of primary antibody) with a pooled population of normal immunoglobulins from the host species of primary antibody and can be further purified and modified (i.e. antibody fragmentation, label conjugation, etc.) to ensure well-characterized specificity to corresponding normal immunoglobulins.

## Recommended Dilutions

IF/ICC	1:50 - 1:200
FC	1:100 - 1:800

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

Rabbit IgG

### Synonyms

## Contact

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## Product Information

### Source

Goat

### Isotype

ABflo™ 488 conjugated IgG

### Purification

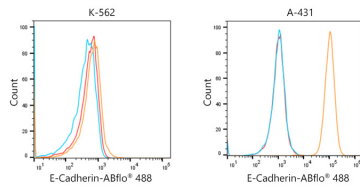
Affinity purification

### Storage

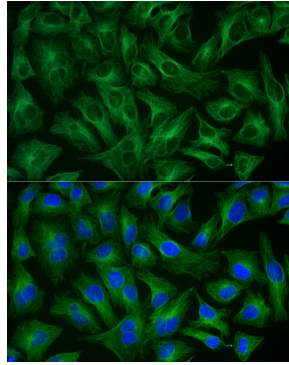
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.025% Sodium Azide,0.75% BSA,50% glycerol,pH7.3.

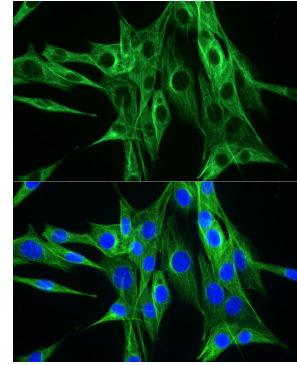
## Validation Data



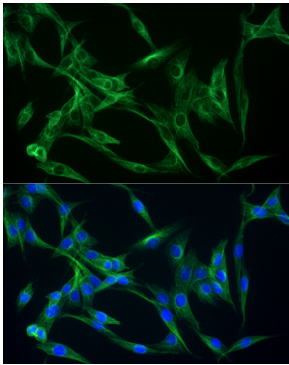
Flow cytometric analysis of Positive antibody E-Cadherin Rabbit mAb (2.5µg/mL) in various cells (orange) compare to Rabbit rabbit isotype control (blue) and non-staining control (Red). The secondary antibody used was ABflo® 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L) (AS073) at 1:100.



Immunofluorescence analysis of HeLa cells using Alpha-tubulin (ubiquitous) chain Rabbit mAb (AC039) (40x lens), the secondary antibody was ABflo® 488-conjugated AffiniPure Goat Anti antibody (AS073) used at dilution of 1 : 200. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Alpha-tubulin (ubiquitous) chain Rabbit mAb (AC039) (40x lens), the secondary antibody was ABflo® 488-conjugated AffiniPure Goat Anti antibody (AS073) used at dilution of 1 : 200. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Alpha-tubulin (ubiquitous) chain Rabbit mAb (AC039) (40x lens), the secondary antibody was ABflo® 488-conjugated AffiniPure Goat Anti antibody (AS073) used at dilution of 1 : 200. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.