

AS053

Leader in Biomolecular Solutions for Life Science



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

Catalog No.: AS053

132 Publications

## Basic Information

### Observed MW

### Calculated MW

### Category

Secondary Antibody

### Applications

IF/ICC,FC

### Cross-Reactivity

Rabbit

### 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 1:100 - 1:500

FC 1:100 - 1:500

## Immunogen Information

Gene ID

Swiss Prot

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

## Contact



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

## Product Information

Source

Goat

Isotype

IgG

Purification

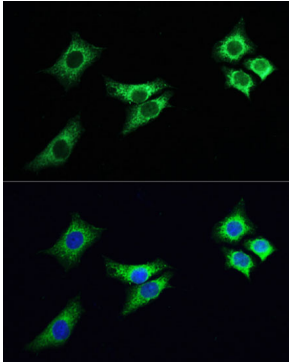
Affinity purification

### Storage

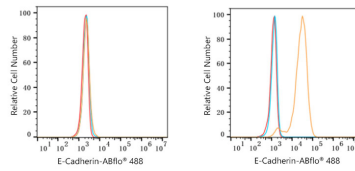
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Immunofluorescence analysis of HeLa cells, using ACO2 antibody (A3716) as the primary antibody at dilution of 1:100. The cells were incubated with the primary antibody overnight at 4°C. Secondary antibody: ABflo® 488-conjugated Goat Anti-Rabbit IgG (H+L) (AS053) at 1:200 dilution. Blue: DAPI for nuclear staining.



Flow cytometry:  $1 \times 10^6$  K-562 cells (negative control, left) and A-431 cells (right) were surface-stained with Purified Rabbit anti-Human E-Cadherin mAb (5  $\mu$ l/Test, orange line) or secondary antibody only (blue line). Non-fluorescently stained K-562 and A-431 cells were used as blank control (red line). ABflo® 488-conjugated Goat Anti-Rabbit IgG (H+L) (AS053, 1:500) was used as a secondary antibody.