

# ABflo® 405-conjugated Goat anti-Mouse IgG (H+L)

Catalog No.: AS055

## Basic Information

### Observed MW

### Calculated MW

### Category

Secondary antibody

### Applications

FC

### Cross-Reactivity

### Conjugate

ABflo® 405. Ex:403nm. Em:427nm.

## 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

FC 1:500 - 1:2000

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

Mouse IgG

### Synonyms

## Contact

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## Product Information

### Source

Goat

### Isotype

IgG

### Purification

Affinity purification

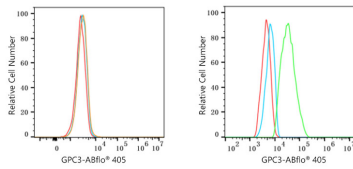
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Flow cytometry:  $1 \times 10^6$  K-562 cells (negative control, left) and Hep G2 cells (right) were surface-stained with Mouse Anti-Human GPC3 mAb (4  $\mu\text{g}/\text{mL}$ , orange line) or secondary antibody only (blue line). Non-fluorescently stained Hep G2 and K-562 cells were used as blank control (red line). ABflo® 405-conjugated Goat Anti-Mouse IgG (H+L)(AS055, 1:1000) was used as a secondary antibody.