

# Cy3-conjugated Goat anti-Rabbit IgG (H+L)

Catalog No.: AS007 **220 Publications**

## Basic Information

### Observed MW

### Calculated MW

### Category

Secondary antibody

### Applications

IF/ICC,FC

### Cross-Reactivity

Rabbit

### Conjugate

Cy3. Ex:548nm. Em:562nm.

## 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 - 1:800
FC	1:100 - 1:800

## Immunogen Information

### Gene ID

Swiss Prot

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

## Contact

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## Product Information

### Source

Goat

### Isotype

Cy3 conjugated IgG

### Purification

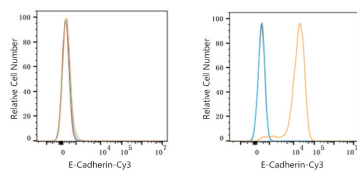
Affinity purification

### Storage

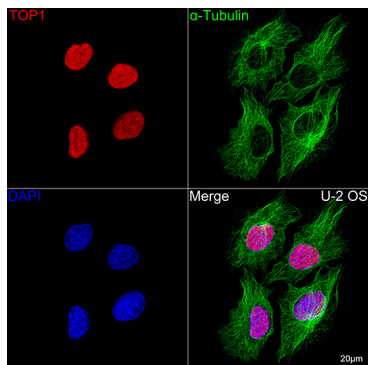
Store at -20°C. Avoid freeze / thaw cycles.

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

## Validation Data



Flow 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). Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, 1:800) was used as a secondary antibody.



Confocal imaging of U-2 OS cells using DNA topoisomerase I (TOP1) Rabbit mAb (A12409, dilution 1:100) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:100) (Red), ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) (AS076, dilution 1:200) (Green)