

# Cy3-conjugated Goat anti-Rabbit IgG, Fc fragment specific

Catalog No.: AS199

## Basic Information

### Observed MW

### Calculated MW

55 kDa

### Category

Secondary antibody

### Applications

IF/ICC,IF-F

### 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 - 1:200

IF-F 1:100 - 1:200

## Immunogen Information

### Gene ID

### Swiss Prot

P01870

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

Goat anti-Rabbit IgG

## Contact

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## Product Information

### Source

Goat

### Isotype

IgG

### Purification

Affinity purification

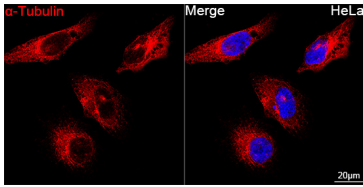
### Storage

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

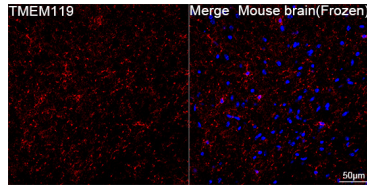
Buffer: 0.005M Sodium Phosphate, 0.125M NaCl, pH 7.6, 7.5 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free), 0.025% Sodium Azide, 50% glycerol, pH 7.3.

## Validation Data

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Confocal imaging of HeLa cells using  $\alpha$ -Tubulin Rabbit mAb (A6830, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG, Fc fragment specific (AS199, dilution 1:200) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of frozen sections of Mouse brain tissue using TMEM119 Rabbit mAb (A27143, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG, Fc fragment specific (AS199, dilution 1:200) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.