Leader in Biomolecular Solutions for Life Science

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Rhodamine (TRITC)-conjugated Goat anti-Rabbit IgG (H+L)

Catalog No.: AS040 **34 Publications**

Basic Information

Observed MW

Calculated MW

Category
Secondary antibody

Applications
IHC-P,IF/ICC,FC

Cross-Reactivity

Conjugate
Rhodamine. Ex:550nm. Em:570nm.

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

IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
FC	1:50 - 1:200

Immunogen Information

Gene ID **Swiss Prot**

Immunogen
This information is considered to be commercially sensitive.

Synonyms

Contact

400-999-6126

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Product Information

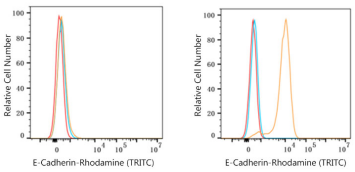
Source
Goat

Isotype
TRITC conjugated IgG

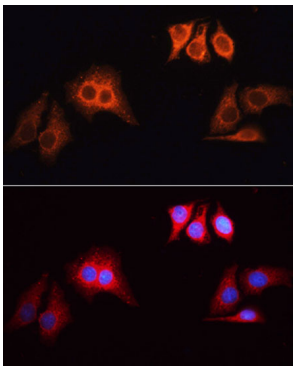
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.025% Sodium Azide,0.75% BSA,50% glycerol,pH7.3.

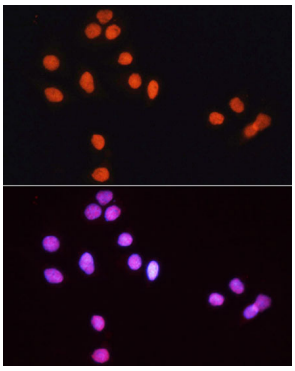
Validation Data



Flow cytometry: 1X10^6 K-562 cells (negative control,left) and A-431 cells (right) were surface-stained with Purified Rabbit anti-Human E-Cadherin mAb(5 µl/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). Rhodamine (TRITC) Goat Anti-Rabbit IgG (H+L)(AS040, 1:200) was used as a secondary antibody.



Immunofluorescence analysis of HeLa cells, using Rhodamine (TRITC) Goat Anti-Rabbit IgG (H+L) (A3716) as the primary antibody at dilution of 1:100. The cells were incubated with the primary antibody overnight at 4°C. Secondary antibody: Rhodamine (TRITC) Goat Anti-Rabbit IgG (H+L) (AS040) at 1:200 dilution.
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells, using Rhodamine (TRITC) Goat Anti-Rabbit IgG (H+L) (A0942) as the primary antibody at dilution of 1:100. The cells were incubated with the primary antibody overnight at 4°C. Secondary antibody: Rhodamine (TRITC) Goat Anti-Rabbit IgG (H+L) (AS040) at 1:100 dilution.
Blue: DAPI for nuclear staining.