

# Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Rhodamine

Product Details	
Size	1.5 mg
Species	Rabbit
Expression System	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Rhodamine
Form	Lyophilized
Concentration	1.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.6, with 15mg/mL BSA
Contains	0.05% sodium azide
Storage Conditions	4° C
RRID	AB_429713

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1:50 - 1:200	-
Immunocytochemistry (ICC)	4 µg/mL	-
Immunofluorescence (IF)	4 µg/mL	-
Immunohistochemistry (IHC)	1:50 - 1:200	-
Immunoprecipitation (IP)	1:50 - 1:200	-

## Product Specific Information

Concentration may vary slightly from lot-to-lot, see lot-specific datasheet for exact concentration.

Product # 31686 has been successfully used in Western blot, IF, ICC, IHC, IP and FACS applications.

Product # 31686 reacts with the heavy chains of rabbit IgG and with the light chains common to most rabbit immunoglobulins, but does not react against non-immunoglobulin serum proteins. This antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human, goat, mouse, and sheep serum proteins. However, this antibody may cross-react with immunoglobulins from other species.

Store product protected from light at 4°C until opened. To extend the shelf-life of this product, add an equal volume of glycerol to make a final concentration of approximately 50% glycerol and store at -20°C. Rhodamine Amax= 550 nm; Emax= 570 nm. Fluorophore/Protein: 0.5 moles Rhodamine per mole IgG. (lot-dependent).

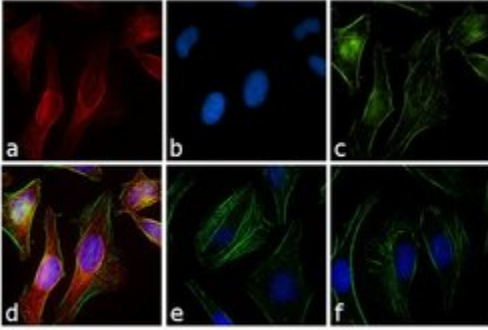
Reconstitute with 1.1 mL of distilled water (1.5 mg/mL after restoration).

Country of Origin: USA

## Product Images For Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Rhodamine

### Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (31686) in IF

Immunofluorescence analysis of Goat anti-Rabbit IgG (H+L) Cross Adsorbed Secondary Antibody, Rhodamine conjugate was performed using HeLa cells stained with alpha Tubulin Rabbit Polyclonal Primary Antibody (Product # PA5-16891). The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, blocked with 1% BSA for 1 hour and labeled with 2 µg /mL Rabbit primary antibody for 3 hours at room temperature. Goat anti-Rabbit IgG (H+L) Cross Adsorbed Secondary Antibody, Rhodamine conjugate (Product # 31686) was used at a concentration of 4 µg/mL in phosphate buffered saline containing 0.2% BSA for 45 minutes at room temperature, for detection of Alpha tubulin in the cytoplasm (Panel a: red). Nuclei (Panel b: blue) were stained with DAPI in SlowFade® Gold Antifade Mountant (Product # S36938). F-actin was stained with Alexa Fluor® 488 Phalloidin (Product # A12379, 1:300) (Panel c: green). Panel d represents the composite image. No nonspecific staining was observed with the secondary antibody alone (panel f), or with an isotype control (panel e). The images were captured at 60X magnification.



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