

Goat anti-Rabbit IgG (H+L) Secondary Antibody, FITC

Product Details

Size	2 mg
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	FITC
Excitation/Emission Max	498/517 nm
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, store in dark
RRID	AB_429708

Applications	Tested Dilution	Publications
Western Blot (WB)	-	0 Publication
Immunohistochemistry (IHC)	1:50 - 1:200	0 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	0 Publication
Immunocytochemistry (ICC/IF)	1.5 µg/mL	0 Publication
Flow Cytometry (Flow)	1:50 - 1:200	0 Publication
Immunoprecipitation (IP)	1:50 - 1:200	-
Miscellaneous PubMed (Misc)	-	0 Publication

Product Specific Information

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

Product # 31635 has been successfully used in Western blot, IF, ICC, IHC, IP and FACS applications.

Product # 31635 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. 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. Fluorescein Amax= 492 nm; Emax= 520 nm. Fluorophore/Protein: 9.3 µg/mg; > 3 moles FITC per mole IgG (lot-dependent).

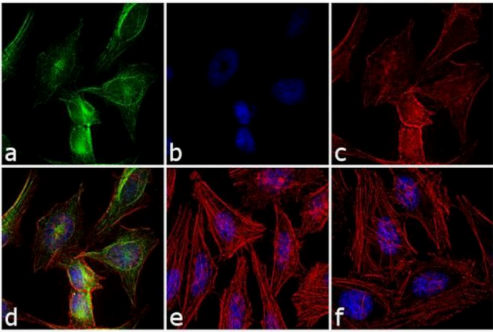
Reconstitute with 1.5 mL of distilled water (1.5 mg/mL after restoration).

Country of Origin: USA

Product Images For Goat anti-Rabbit IgG (H+L) Secondary Antibody, FITC

Rabbit IgG (H+L) Secondary Antibody (31635) in ICC/IF

Immunofluorescence analysis of Goat anti-Rabbit IgG (H+L) Secondary Antibody, FITC 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) Secondary Antibody, FITC (Product # 31635) was used at a concentration of 4µg/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: green). Nuclei (Panel b: blue) were stained with DAPI in SlowFade® Gold Antifade Mountant (Product # S36938). F-actin was stained with Rhodamine Phalloidin (Product # R415, 1:300) (Panel c: red). 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.



34 References

Transmembrane protein 147, as a potential Sorafenib target, could expedite cell cycle process and confer adverse prognosis in hepatocellular carcinoma. Mol Carcinog (2023)

Enhanced Photoluminescence Detection of Immunocomplex Formation by Antibody-Functionalized, Ge-Doped Biosilica from the Diatom Cyclotella sp. Nanomaterials (Basel) (2023)

Pulsed Radiofrequency Decreases pERK and Affects Intracellular Ca2+ Influx, Cytosolic ATP Level, and Mitochondrial Membrane Potential in the Sensitized Dorsal Root Ganglion Neuron Induced by N-Methyl D-Aspartate. J Pain Res (2023)

The combination of Astragalus membranaceus and ligustrazine mitigates cerebral ischemia-reperfusion injury via regulating NR2B-ERK/CREB signaling. Brain Behav (2023)

Radiofrequency Ablation Remodels the Tumor Microenvironment and Promotes Neutrophil-Mediated Abscopal Immunomodulation in Pancreatic Cancer. Cancer Immunol Res (2023)

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