

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

Product Details

Size	1.5 mg
Species Reactivity	Goat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	TRITC
Excitation/Emission Max	552/578 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
RRID	AB_228396

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
Immunocytochemistry (ICC/IF)	Assay-dependent	-
Flow Cytometry (Flow)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	-

Product Specific Information

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

Antibody Specificity: This antibody reacts with heavy chains on goat IgG as well as with the light chains common to most goat immunoglobulins, based on electrophoresis. No antibody was detected against non-immunoglobulin serum proteins. However, this antibody may cross-react with immunoglobulins from other species. Product # 31650 is recommended for use in Western blot, IF, ICC, IHC, IP and FACS applications. The suggested dilution range for most applications is 1:50-1:200.

Fluorophore: Tetramethyl rhodamine 5 (and 6)-isothiocyanate (TRITC)

Amax = 550 nm; Emax = 570 nm

Fluorophore/Protein Ratio: A550/A280 = 0.50

Restoration and Storage: Store product at 4°C until opened. Restore with 1.1 mL distilled water. Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. Product may be stored for up to several weeks at 4°C as an undiluted liquid. After dilution, do not use for more than one day. To extend the shelf-life of this product, add an equal volume of glycerol to make a final concentration of 50% glycerol and store at -20°C; or as an alternative, aliquot without glycerol and store at -80° or below, avoiding repeated freezing and thawing.

Country of Origin: USA

2 References

(ADP-ribosyl)hydrolases: Structural Basis for Differential Substrate Recognition and Inhibition. *Cell Chem Biol* (2018)

Dynamic expression patterns of *Ir3* and *Ir5* during germline nest breakdown and primordial follicle formation promote follicle survival in mouse ovaries. *PLoS Genet* (2018)

Melatonin protects against blood-brain barrier damage by inhibiting the TLR4/ NF- κ B signaling pathway after LPS treatment in neonatal rats. *Oncotarget* (2017)

Targeted inhibition of survivin with YM155 promotes apoptosis of hypoxic human pulmonary arterial smooth muscle cells via the upregulation of voltage-dependent K channels. *Mol Med Rep* (2016)

Amyloid-beta (A) D7H mutation increases oligomeric A42 and alters properties of A-zinc/copper assemblies. *PLoS One* (2012)

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