bs-40295G-IRDye800CW **[Secondary Antibodies]**

Goat Anti-Rabbit IgG H&L, IRDye 800cw conjugated

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DATASHEET

Host: Goat **Isotype:** IgG1

Clonality: Polyclonal

Target: Goat Anti-Rabbit IgG H&L

Purification: affinity purified by Protein G

Concentration: 1.0 mg/ml

Storage: 0.01M TBS(pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: IRDye800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG(H+L), Highly Cross Adsorbed
Producer: Li-Cor(USA)
Product Number: 926-32211
Fluorophore: IRDye 800CW(MW: 1166)
Excitation Wavelength: 778nm(in PBS)
Emission Wacelegth: 795nm(in PBS)
Fluorophore/Protein Ratio: 1.7 moles IRDye 800CW: 1mole IgG
IRDye 800CW antibodies can be used for a variety of applications, including Western blotting, In-Cell Western assays, In-Gel Westerns, and many others.
Isolation of specific antibodise was accomplished by immunoaffinity chromatography using antigens immobilized on agarose beads. Based on immunoelectrophoresis, this antibody reacts with the heavy chains of rabbit IgG as well as the light chains common to most rabbit immunoglobulins. No reactivity was detected against non-immunoglobulin serum proteins. This antibody was tested by ELISA and/or solid phase adsorbed for minimal cross-reactivity with human, mouse, and rat serum proteins, but may cross-react with immunoglobulins from other species. The conjugate has been specifically tested and qualified for Western blot and In-Cell Western applications.

Applications: **WB** (1:10000-30000)

Reactivity: Rabbit

SELECTED CITATIONS

- **[IF=6]** Jiaxue Wang. et al. Vanillin Has Potent Antibacterial, Antioxidant, and Anti-Inflammatory Activities In Vitro and in Mouse Colitis Induced by Multidrug-Resistant Escherichia coli. ANTIOXIDANTS-BASEL. 2024 Dec;13(12):1544 WB ;Mouse. 39765873
- **[IF=5]** Zhou Xianfei. et al. Hypoxia-induced autophagy in pancreatic cancer counteracts the cytotoxicity of CD8+ T cells by inhibiting the expression of MHC-I. GENES IMMUN. 2024 Dec;:1-9 IF ;Human. 39715814
- **[IF=4.4]** Yuanxin Zhang. et al. Mechanism of total saponins of Ranunculus ternatus Thunb. in treatment of breast cancer based on liquid chromatography–mass spectrometry and network analysis. FRONT PHARMACOL. 2025 Apr;16: WB ;Human. 40351419