

# F(ab')<sub>2</sub>-Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 680

Product Details	
Size	500 µg
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 680
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2535737

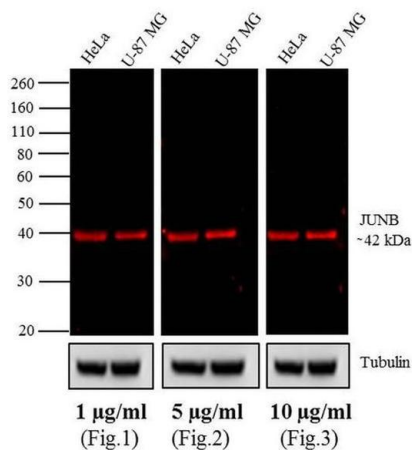
Applications	Tested Dilution	Publications
Western Blot (WB)	1-10 µg/mL	-
Immunocytochemistry (ICC/IF)	1-10 µg/mL	-
Flow Cytometry (Flow)	1-10 µg/mL	-

## Product Specific Information

Product will be shipped at Room Temperature.

### Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21077) in WB

Western blot analysis was performed on nuclear extracts (30 µg lysate) of HeLa (Lane 1) and U-87 MG (Lane 2). The blots were probed with Anti-JUNB Recombinant Rabbit Monoclonal Antibody (Product # 701702, 1-2 µg/mL) and detected using Goat anti-Rabbit IgG (H+L) cross adsorbed Secondary Antibody, Alexa Fluor 680 (Product # A-21077) at concentrations 1 µg/mL (Fig.1), 5 µg/mL (Fig. 2) and 10 µg/mL (Fig.3). A 42 kDa band corresponding to JUNB was observed. Known quantity of protein samples were electrophoresed using Novex® NuPAGE®12 % Bis-Tris gel (Product # NP0342BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary antibody after blocking with 5 % skimmed milk. Fluorescent detection was performed using the Odyssey® Fc imaging system (Li-cor Biosciences).



## 11 References

Complementary biosensors reveal different G-protein signaling modes triggered by GPCRs and non-receptor activators. *Elife* (2021)

Naturally occurring hotspot cancer mutations in G13 promote oncogenic signaling. *J Biol Chem* (2020)

Naturally occurring hotspot cancer mutations in G13 promote oncogenic signaling. *J Biol Chem* (2020)

Optogenetic activation of heterotrimeric G-proteins by LOV2GIVe, a rationally engineered modular protein. *Elife* (2020)

DAPLE protein inhibits nucleotide exchange on Gs and Gq via the same motif that activates Gi. *J Biol Chem* (2020)

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