

Rabbit anti-Rat IgG (H+L) Secondary Antibody, AP

Product Details	
Size	1 mg
Species Reactivity	Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	AP
Immunogen	Rat IgG whole molecule
Form	Liquid
Concentration	1 mg/mL
Purification	IgG fraction
Storage buffer	0.05M tris HCl, pH 8.0, with 0.15M NaCl, 10mg/mL BSA, 0.001M MgCl ₂ , 0.0001M ZnCl ₂ , 50% glycerol
Contains	0.01% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_10983122

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:4,000	-
Immunohistochemistry (IHC)	1:200-1:1,000	-
ELISA (ELISA)	1:2,000-1:8,000	-

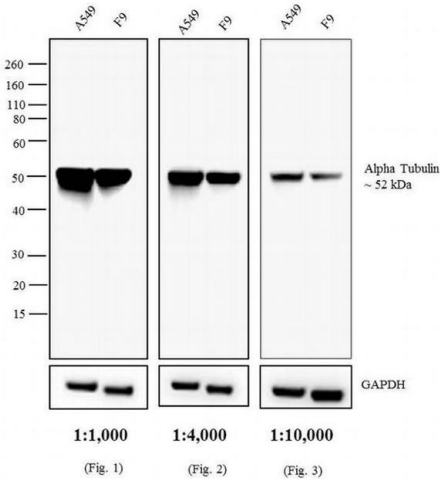
Product Specific Information

PA1-30338 detects Rat IgG from rat samples.

Product Images For Rabbit anti-Rat IgG (H+L) Secondary Antibody, AP

Rat IgG (H+L) Secondary Antibody (PA1-30338) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of A549 (Lane 1) and F9 (Lane 2). The blots were probed with Anti-Alpha Tubulin Rat Monoclonal Antibody (Product # MA1-80017, 1 µg/mL) and detected by chemiluminescence for alkaline phosphatase substrate using Rabbit anti-Rat IgG Secondary Antibody, AP (Product # PA1-30338) at dilutions 1:1,000 (Fig. 1), 1:4,000 (Fig. 2) and 1:10,000 (Fig. 3). A 52 kDa band corresponding to Alpha Tubulin was observed across the cell lines tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX), 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. Chemiluminescent detection of alkaline phosphatase (AP) was performed using Novex® AP Chemiluminescent Substrate (CDP-Star®) (Product # WP20002) with Novex® AP Chemiluminescent Substrate Enhancer (Nitro Block II™) (Product # WP20003).



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