

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

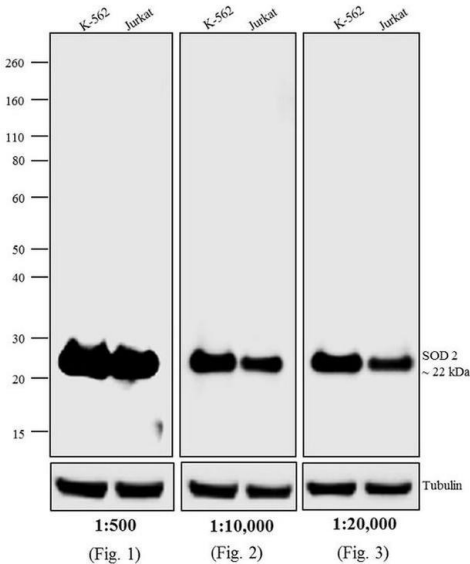
Product Details	
Size	1 mg
Species Reactivity	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	AP
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	1.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 30mM triethanolamine, 1% BSA, 5mM MgCl <sub>2</sub> , 0.1mM ZnCl <sub>2</sub>
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2534834

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:20,000	-
Immunohistochemistry (IHC)	1:500-1:20,000	-
ELISA (ELISA)	1:500-1:20,000	-

## Product Specific Information

The sensitivity of each lot of antibody is confirmed using ELISA. The specificity of each lot of antibody is confirmed by immunoelectrophoresis (IEP).

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



Mouse IgG (H+L) Secondary Antibody (A16163) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of K-562 (Lane 1) and Jurkat (Lane 2). The blots were probed with Anti-SOD2 Mouse Monoclonal Antibody (Product # MA1-106, 2 µg/mL) and detected using Rabbit anti-Mouse IgG (H+L) Secondary Antibody, AP conjugate (Product # A16163) at dilutions 1:500 (Fig.1), 1:10,000 (Fig.2) and 1:20,000 (Fig 3). A 22 kDa band corresponding to SOD2 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. 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).

3 References

Fucoxanthin Inhibits Development of Sigmoid Colorectal Cancer in a PDX Model With Alterations of Growth, Adhesion, and Cell Cycle Signals. Cancer Genomics Proteomics (2023)

Oxidative Stress, Mutations and Chromosomal Aberrations Induced by In Vitro and In Vivo Exposure to Furan. Int J Mol Sci (2021)

Colorimetric RT-LAMP Methods to Detect Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). Bio Protoc (2020)

Drug Discovery for Soft Drugs on TRPV1 and TRPM8 Channels Using the Passerini Reaction. Methods Mol Biol (2019)

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