

# Mouse anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, HRP

Product Details	
Size	1 mL
Species Reactivity	Rabbit
Host/Isotype	Mouse / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	HRP
Form	Lyophilized
Concentration	0.8 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.6, with 15mg/mL BSA
Contains	no preservative
Storage conditions	4° C
RRID	AB_228378

Applications	Tested Dilution	Publications
Western Blot (WB)	1:10,000-1:200,000	0 Publication
Immunohistochemistry (IHC)	1:500-1:5,000	0 Publication
Immunocytochemistry (ICC/IF)	1:500-1:5,000	-

## Product Specific Information

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

This antibody has been successfully used in Western blot, and ICC applications.

**Antibody Specificity:** This antibody reacts with whole molecule rabbit IgG and with the light chains of other rabbit immunoglobulins. The antibody has minimal inherent cross-reactivity to mouse serum proteins. No antibody was detected against non-immunoglobulin serum proteins. This antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human, goat, mouse and sheep serum proteins. However, the antibody may cross-react with immunoglobulins from other species.

**Restoration and Storage:** Store product at 4°C until opened. Restore with 1.0 mL distilled water (0.8 mg/mL after restoration). Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. To judge clarity, draw product into a pasteur pipette. Product may be stored for several weeks at 4°C as an undiluted liquid. After dilution, do not use for more than one day.

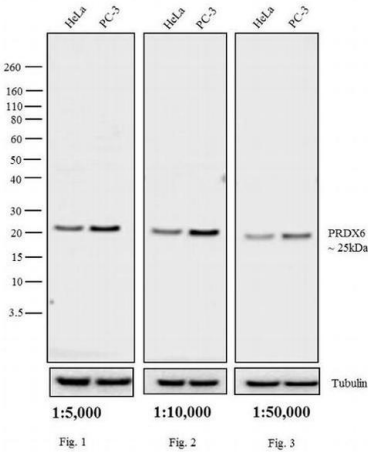
To extend the shelf-life of this product, add an equal volume of glycerol to make a final concentration of approximately 50% glycerol and store at -20°C.

Country of Origin: USA

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

Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (31464) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of HeLa (Lane 1) and PC-3 (Lane 2). The blots were probed with Anti-PRDX6 Recombinant Rabbit Monoclonal Antibody (Product # 702211, 2 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, HRP (Product # 31464) at dilutions 1:5,000 (Fig. 1), 1:10,000 (Fig. 2) and 1:50,000 (Fig. 3). A 25 kDa band corresponding to PRDX6 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 was performed using Pierce™ ECL Western blotting Substrate (Product # 32106).



44 References

Glutaredoxin 2 Protein (Grx2) as an Independent Prognostic Factor Associated with the Survival of Colon Adenocarcinoma Patients. Int J Mol Sci (2024)

A Prognostic Activity of Glutaredoxin 1 Protein (Grx1) in Colon Cancer. Int J Mol Sci (2024)

Phosphatidic acid-enabled MKL1 contributes to liver regeneration: Translational implication in liver failure. Acta Pharm Sin B (2024)

10Gingerol, a novel ginger compound, exhibits antiadipogenic effects without compromising cell viability in 3T3L1 cells. Biomed Rep (2023)

Endogenous expression of inactive lysine deacetylases reveals deacetylation-dependent cellular mechanisms. PLoS One (2023)

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