

Goat Anti-Mouse IgG (H&L) secondary antibody (Peroxidase)

Catalog # PAB0096

Size 500 ug

Specification

Product Description	Goat antibodies raised against mouse IgG heavy and light chains. Antibodies are adsorbed against human proteins to minimize species cross reactivity, and then affinity isolated using immunogen coupled to agarose beads. The affinity isolated antibodies are then conjugated to horseradish peroxidase (HRP) (Mw = approximately 44 KDa).
Immunogen	Purified mouse IgG (H&L).
Host	Goat
Reactivity	Mouse
Form	Liquid
Conjugation	HRP
Purification	This product was purified using antigen affinity chromatography and adsorbed against serum proteins and immunoglobulins to minimize species cross-reactivity.
Concentration	1.0 mg/mL
Conjugation Note	
Recommend Usage	ELISA (1:5000-1:100000) Immunohistochemistry (1:500-1:5000) Western Blot (1:5000-1:1000000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.01 M PBS, pH 7.4 (1.0% BSA, 0.01% thimerosal).
Storage Instruction	Store at 4°C. For long term storage, add 50% volume for volume glycerol and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay

Publication Reference

- [Antiviral activity of triptolide on herpes simplex virus in vitro.](#)

Nasrin Aliabadi, Marzieh Jamalidoust, Gholamreza Pouladfar, Atoosa Ziyaeyan, Mazyar Ziyaeyan.
Immunity, Inflammation and Disease 2022 Jul; 10(7):e667.

Application: WB, Mouse, Antibody

- [JC-10 probe as a novel method for analyzing the mitochondrial membrane potential and cell stress in whole zebrafish embryos.](#)

Nadin Younes, Bana S Alsahan, Asmaa J Al-Mesaifri, Sahar I Da'as, Gianfranco Pintus, Amin F Majdalawieh, Gheyath K Nasrallah.

Toxicology Research 2021 Dec; 11(1):77.

Application: WB-Ti, Zebrafish, Zebrafish embryo

- [Composites of Nucleic Acids and Boron Clusters \(C2B10H12\) as Functional Nanoparticles for Downregulation of EGFR Oncogene in Cancer Cells.](#)

Damian Kaniowski, Katarzyna Ebenryter-Olbińska, Katarzyna Kulik, Justyna Suwara, Wojciech Cypryk, Agata Jakóbi-Kolon, Zbigniew Leśnikowski and Barbara Nawrot.

International Journal of Molecular Sciences 2021 May; 22(9):4863.

Application: WB, Human, A431 cells

- [Novel role of BRCA1 interacting C-terminal helicase 1 \(BRIP1\) in breast tumour cell invasion.](#)

Balsam Rizeq, Saïd Sif, Gheyath K Nasrallah, Allal Ouhtit.

Journal of Cellular and Molecular Medicine 2020 Oct; 24(19):11477.

Application: WB-Ce, WB-Ti, Human, BT474, CAMA-1, HCC-1500, HCC-2218, HuMECs, MCF-7, MCF10A, MDA-MB-231, MDA-MB-468, T-47D cells

- [In silico and in vivo models for Qatari-Specific classical homocystinuria as basis for development of novel therapies.](#)

Ismail HM, Krishnamoorthy N, Al-Dewik N, Zayed H, Mohamed NA, Giacomo VD, Gupta S, Häberle J, Thöny B, Blom HJ, Kruger WD, Ben-Omran T, Nasrallah GK.

Human Mutation 2019 Feb; 40(2):230.

Application: WB, Human, Yeast, HEK 293T, HepG2, Yeast cell lysates

- [Neutralization Mechanisms of Two Highly Potent Antibodies against Human Enterovirus 71.](#)

Zhu L, Xu K, Wang N, Cao L, Wu J, Gao Q, Fry EE, Stuart DI, Rao Z, Wang J, Wang X.

Mbio 2018 Jul; 9(4):e01013.

Application: ELISA, EV71 full or empty particles

- [A non-pathogenic recombinant Leishmania expressing Lipophosphoglycan 3 against experimental infection with Leishmania infantum.](#)

Pirdel L, Farajnia S.

Amino Acids 2017 Jul; 86(1):15.

Application: ELISA, Mouse, Mouse serum

- [Sevoflurane anesthesia in pregnant rats negatively affects nerve function in offspring potentially via inhibition of the Wnt/ \$\beta\$ -catenin pathway.](#)

Wang Y, Li Y, Xing Q, Han XG, Dong X, Lu Y, Zhou M.

Molecular Medicine Reports 2017 May; 15(5):2753.

Application: WB-Ti, Rat, Rat brain

- [Active \$\alpha\$ -macroglobulin is a reservoir for urokinase after fibrinolytic therapy in rabbits with tetracycline-induced pleural injury and in human pleural fluids.](#)

Komissarov AA, Florova G, Azghani A, Karandashova S, Kurdowska AK, Idell S.

American Journal of Physiology. Lung Cellular and Molecular Physiology 2013 Nov; 305(10):L682.

Application: WB-Ce, Rabbit, Pleural fluids

- [Peripheral blood monocyte-expressed ANXA2 gene is involved in pathogenesis of osteoporosis in humans.](#)

Deng FY, Lei SF, Zhang Y, Zhang YL, Zheng YP, Zhang LS, Pan R, Wang L, Tian Q, Shen H, Zhao M, Lundberg YW, Liu YZ, Papasian CJ, Deng HW.

Molecular & Cellular proteomics: MCP 2011 Nov; 10(11):M111.01170.

Application: WB-Ce, Human, Peripheral blood monocytes

- [Down-regulation of S1P1 receptor surface expression by protein kinase C inhibition.](#)

Sensken SC, Graler MH.

The Journal of Biological Chemistry 2010 Feb; 285(9):6298.

Application: WB-Tr, WB-Ti, Mouse, Rat, HTC4 cells, Peripheral lymph nodes, Spleen, Thymus

- [7 \$\beta\$ -Hydroxy-epiandrosterone-mediated regulation of the prostaglandin synthesis pathway in human peripheral blood monocytes.](#)

Mee SL, Hennebert O, Ferrec C, Wulfert E, Morfin R.

Steroids 2008 May; 73(11):1148.

Application: WB-Ce, Human, PBMCs