

Resource Summary Report

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HRP Goat anti-mouse IgG (minimal x-reactivity)

RRID:AB_315009

Type: Antibody

Proper Citation

BioLegend Cat# 405306, RRID:AB_315009

Antibody Information

URL: http://antibodyregistry.org/AB_315009

Proper Citation: BioLegend Cat# 405306, RRID:AB_315009

Target Antigen: IgG

Host Organism: goat

Clonality: polyclonal

Comments: Applications: ELISA, IHC, WB

Antibody Name: HRP Goat anti-mouse IgG (minimal x-reactivity)

Description: This polyclonal targets IgG

Target Organism: mouse

Clone ID: Clone Poly4053

Antibody ID: AB_315009

Vendor: BioLegend

Catalog Number: 405306

Record Creation Time: 20250820T050149+0000

Record Last Update: 20250820T203530+0000

Ratings and Alerts

No rating or validation information has been found for HRP Goat anti-mouse IgG (minimal x-reactivity).

No alerts have been found for HRP Goat anti-mouse IgG (minimal x-reactivity).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Lam JY, et al. (2026) Nasal RNA-scaffold-protein vaccine protects mice from human H5N1 clade 2.3.4.4b virus lethal infection and safeguards against vaccine-unmatched viruses. *EBioMedicine*, 126, 106228.

Kumar A, et al. (2026) Structural mechanisms for the recruitment of factor H by *Streptococcus pyogenes*. *Structure (London, England : 1993)*, 34(5), 778.

Heilmann H, et al. (2025) Fragments of viral surface proteins modulate innate immune responses via formyl peptide receptors. *iScience*, 28(8), 113019.

Boutet M, et al. (2025) Mutations in MLL3 promote breast cancer progression via HIF1 α -dependent intratumoral recruitment and differentiation of regulatory T cells. *Immunity*, 58(8), 2035.

Pitiot A, et al. (2025) Directed-complement killing of *Pseudomonas aeruginosa* protects against lethal pneumonia. *EBioMedicine*, 120, 105926.

Barthez M, et al. (2025) SIRT2 suppresses aging-associated cGAS activation and protects aged mice from severe COVID-19. *Cell reports*, 44(4), 115562.

Vagher B, et al. (2025) UDP-glucose regulates dendritic cell mitochondrial respiration via a nitric oxide-dependent mechanism. *Journal of leukocyte biology*, 117(5).

Dias AG, et al. (2025) Anti-dengue virus antibodies that elicit complement-mediated lysis of Zika virion correlate with protection from severe dengue disease. *Cell reports*, 44(5), 115613.

Wang Y, et al. (2024) High recallability of memory B cells requires ZFP318-dependent transcriptional regulation of mitochondrial function. *Immunity*, 57(8), 1848.

Bauer R, et al. (2024) NLRP3 promotes allergic responses to birch pollen extract in a model of intranasal sensitization. *Frontiers in immunology*, 15, 1393819.

Liu J, et al. (2023) Loss-of-function variants in KCTD19 cause non-obstructive azoospermia in humans. *iScience*, 26(7), 107193.

Lee JY, et al. (2023) Identification and targeting of protein tyrosine kinase 7 (PTK7) as an immunotherapy candidate for neuroblastoma. *Cell reports. Medicine*, 4(6), 101091.

Andriianov A, et al. (2023) Phage T3 overcomes the BREX defense through SAM cleavage and inhibition of SAM synthesis by SAM lyase. *Cell reports*, 42(8), 112972.

Zhang S, et al. (2023) Select symbionts drive high IgA levels in the mouse intestine. *Cell host & microbe*, 31(10), 1620.

Rutkauskaite J, et al. (2022) High-throughput single-cell antibody secretion quantification and enrichment using droplet microfluidics-based FRET assay. *iScience*, 25(7), 104515.

Harbuzariu A, et al. (2022) Neuregulin-1/ErbB4 signaling modulates *Plasmodium falciparum* HRP2-induced damage to brain cortical organoids. *iScience*, 25(6), 104407.

Knudsen ML, et al. (2022) Adjuvants influence the maturation of VRC01-like antibodies during immunization. *iScience*, 25(11), 105473.

Rodems TS, et al. (2022) Reversible epigenetic alterations regulate class I HLA loss in prostate cancer. *Communications biology*, 5(1), 897.

Hinke DM, et al. (2022) Antigen bivalency of antigen-presenting cell-targeted vaccines increases B cell responses. *Cell reports*, 39(9), 110901.

Hong CH, et al. (2022) Sphingosine 1-Phosphate Receptor 4 Promotes Nonalcoholic Steatohepatitis by Activating NLRP3 Inflammasome. *Cellular and molecular gastroenterology and hepatology*, 13(3), 925.