

Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody, Biotin, eBioscience™

Product Details	
Size	500 µg
Species Reactivity	Hamster
Host/Isotype	Goat / Ig
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Biotin
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_466651

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-Dependent	-
Immunohistochemistry (IHC)	Assay-Dependent	-
Flow Cytometry (Flow)	1 µg/test	-
ELISA (ELISA)	Assay-Dependent	-

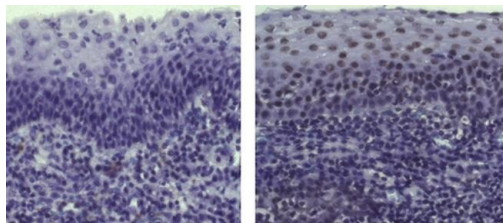
Product Specific Information

Description: This Anti-Armenian Hamster IgG antibody reacts with the heavy chains on Armenian hamster IgG and with the light chains common to most Armenian hamster immunoglobulins. Reactions to non-immunoglobulin hamster proteins have not been detected.

Applications Reported: In conjunction with enzyme- or fluorochrome-conjugated Streptavidin (SAV), this polyclonal antibody can be used for detection of purified Armenian hamster immunoglobulins (IgG) in ELISA, immunoblotting (WB), immunohistochemical staining and flow cytometry. At high concentrations, cross-reaction to Syrian hamster IgG has been observed.

Applications Tested: Biotin Anti-Armenian Hamster IgG has been tested by flow cytometric analysis to detect purified Armenian hamster monoclonal antibodies. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest. In addition, it has been adsorbed and tested by ELISA to ensure minimal cross reaction to human, bovine, rabbit, rat, and mouse serum proteins, but may cross-react with immunoglobulins from other species.

Filtration: 0.2 µm post-manufacturing filtered.



Armenian Hamster IgG (H+L) Secondary Antibody (13-4113-85) in IHC (P)
Immunohistochemistry of formalin-fixed paraffin embedded human tonsil, using 10 µg /mL of Armenian Hamster IgG Isotype Control (Product # 14-4888-81) (left) or Anti-Pokemon Purified (right) followed by Anti-Hamster Biotin (Product # 13-4113-85), and DAB visualization. Nuclei are counterstained with hematoxylin.

5 References

Electrotransfer of IL-15/IL-15R Complex for the Treatment of Established Melanoma. *Cancers (Basel)* (2020)

A Stat6/Pten Axis Links Regulatory T Cells with Adipose Tissue Function. *Cell Metab* (2017)

Evaluation of innate and adaptive immunity contributing to the antitumor effects of PD1 blockade in an orthotopic murine model of pancreatic cancer. *Oncoimmunology* (2016)

Protective role for Toll-like receptor-9 in the development of atherosclerosis in apolipoprotein E-deficient mice. *Arterioscler Thromb Vasc Biol* (2014)

High-mobility group box protein 1 neutralization reduces development of diet-induced atherosclerosis in apolipoprotein e-deficient mice. *Arterioscler Thromb Vasc Biol* (2011)

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