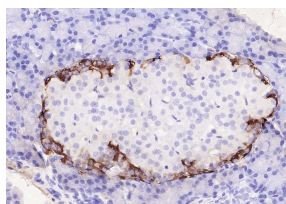


Goat Anti-Mouse IgG H&L, Biotin conjugated

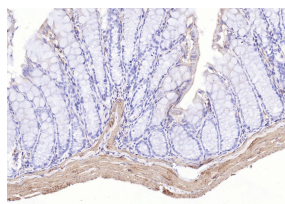
— DATASHEET —

Host: Goat Clonality: Polyclonal Target: Goat Anti-Mouse IgG H&L Purification: affinity purified by Protein G, nonspecific adsorbed Concentration: 2.0 mg/ml Storage: 10 mM TBS (pH=7.4) with 1% BSA, 0.03% Proclin300 and 50% glycerol. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 1011 variants.	Applications: WB (1:2000-20000) IHC-P (1:200-1000) IHC-F (1:200-1000) IF (1:100-1000) Flow-Cyt (1:100-1000) ICC/IF (1:100-1000) ELISA (1:2000-20000) Reactivity: Human, Mouse, Rat
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— VALIDATION IMAGES —



Paraformaldehyde-fixed, paraffin embedded (rat pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GLP-1(1G9)) Monoclonal Antibody, Unconjugated (bsm-0933M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024 bs-0296G-Bio 1:1000) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (alpha smooth muscle Actin) Monoclonal Antibody, Unconjugated (bsm-33187M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024 bs-0296G-Bio 1:500) instructions and DAB staining.

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- **[IF=8.758]** Yonghong Zha. et al. Dual-Modal Immunosensor with Functionalized Gold Nanoparticles for Ultrasensitive Detection of Chloroacetamide Herbicides. Acs Appl Mater Inter. 2021;13(5):6091–6098 Other ;. 33512133
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- **[IF=5.81]** Wei W. et al. Apigenin, a Single Active Component of Herbal Extract, Alleviates Xerostomia via ER α -Mediated Upregulation of AQP5 Activation.. Front Pharmacol. 2022 Feb;13:818116-818116 IHC ;Mouse. 35264956