

bs-0296G-HRP**[Secondary Antibodies]**

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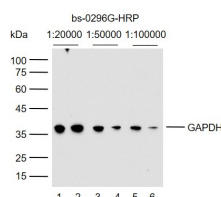
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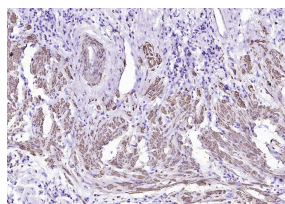
Goat anti-Mouse IgG (H&L) pAb, HRP conj.**— DATASHEET —****Host:** Goat**Isotype:** IgG**Clonality:** Polyclonal**Target:** Goat anti-Mouse IgG (H&L) pAb**Purification:** affinity purified by Protein G, nonspecific adsorbed**Concentration:** 2.0 mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C. Avoid repeated freeze/thaw cycles.

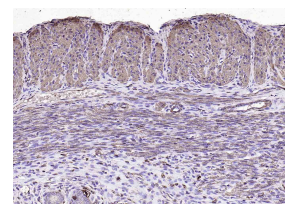
Background: Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has 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)**ELISA** (1:2000-20000)**Reactivity:** Mouse**— VALIDATION IMAGES —**

Sample: Lane 1,3,5 : Rat Cerebrum tissue lysates
Lane 2,4,6 : Human MCF-7 cell lysates
Primary: Anti- GAPDH (bsm-33033M) at 1/5000 dilution
Secondary: Goat Anti-Mouse IgG H&L-HRP (bs-0296G-HRP) at 1/20000~1/100000 dilution
Predicted band size: 38 kDa Observed band size: 38 kDa



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); 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-HRP 1:300) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat uterus); 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-HRP 1:100) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=26.6]** Lei Yao. et al. NAD⁺ biosynthesis and mitochondrial repair in acute kidney injury via ultrasound-responsive thylakoid-integrating liposomes. NAT BIOMED ENG. 2025 Jun;:1-18 **WB** ;Mouse. 40461655
- **[IF=19.568]** Jinman Kim. et al. Furin cleavage is required for swine acute diarrhea syndrome coronavirus spike protein-mediated cell-cell fusion. EMERG MICROBES INFECTION. 2022 Aug 17 **WB** ;Human. 35976165
- **[IF=19.4]** Chen Hao. et al. Gut microbial ammonia enhances colonic acetylcholine levels to regulate intestinal motility. NAT MICROBIOL. 2026 Feb;:1-13 **WB** ;Mouse. 41721075
- **[IF=19]** Zhimei Cheng. et al. A Novel Protein-Polysaccharide Oral Nanoemulsion Targeting Activated Hepatic Stellate Cells to Enhance the Therapeutic Effect of Pirfenidone on Fibrosis After Transarterial Chemoembolization for Liver Cancer.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

ADV FUNCT MATER. 2025 Mar;;2411665 WB ;Mouse. 10.1002/adfm.202411665

- **[IF=16.874]** Bingcheng Yi. et al. Step-wise CAG@PLys@PDA-Cu²⁺ modification on micropatterned nanofibers for programmed endothelial healing. BIOACT MATER. 2023 Jul;25:657 IHC ;Human. 10.1016/j.bioactmat.2022.07.010