

Goat Anti-Mouse IgG H&L Secondary Antibody-HRP

Product Details

Ig Type:	IgG
Reactivity:	Mouse
Purification:	Affinity purified by Protein G, nonspecific adsorbed

Applications

1. Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (S100B) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) (TMAB-02010H 1:100) instructions and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (S100B) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) (TMAB-02010H 1:100) instructions and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded (mouse colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (alpha smooth muscle Actin) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) (TMAB-02010H 1:300) instructions and DAB staining.
4. Immobilized mouse IgG (nothing else) at 0.2µg/well can bind Goat Anti-Mouse IgG H&L/HRP antibody (TMAB-02010H).
5. Paraformaldehyde-fixed, paraffin embedded (rat colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (alpha smooth muscle Actin) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) (TMAB-02010H 1:300) instructions and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded (rat uterus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (alpha smooth muscle Actin) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) (TMAB-02010H 1:100) instructions and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (alpha smooth muscle Actin) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) (TMAB-02010H 1:300) instructions and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in

Verified Activity:

sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (PCNA(Nuclear Loading Control)) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) (TMAB-02010H 1:200) instructions and DAB staining.

9. Paraformaldehyde-fixed, paraffin embedded (rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (alpha smooth muscle Actin) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) (TMAB-02010H 1:200) instructions and DAB staining.

10. Paraformaldehyde-fixed, paraffin embedded (human uterus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (alpha smooth muscle Actin) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) (TMAB-02010H 1:200) instructions and DAB staining.

11. Sample:

Lane 1,3,5 : Rat Cerebrum tissue lysates

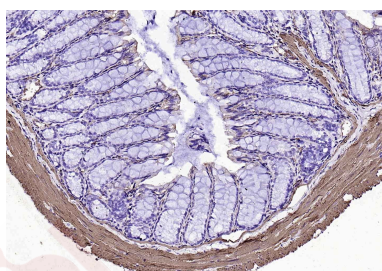
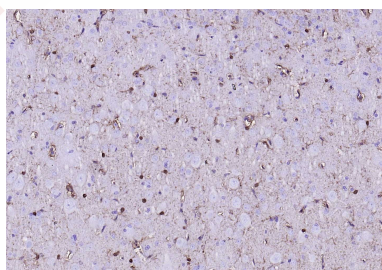
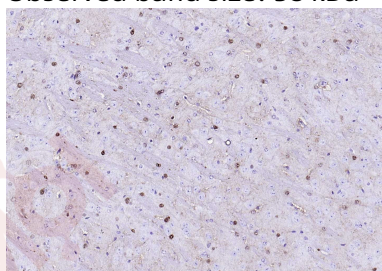
Lane 2,4,6 : Human MCF-7 cell lysates

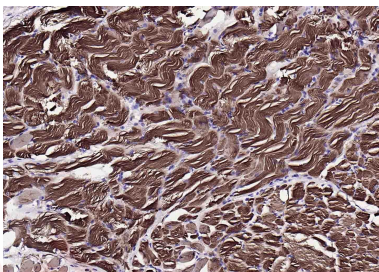
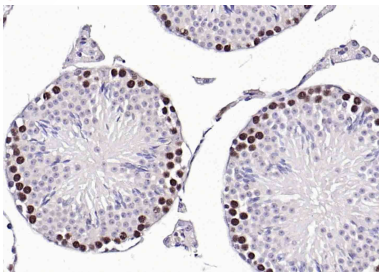
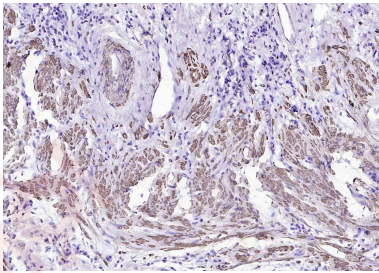
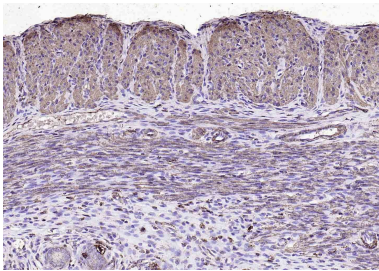
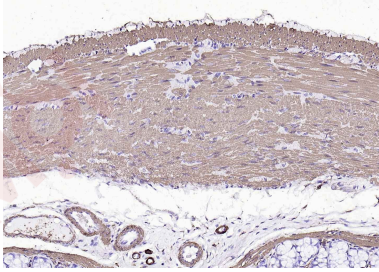
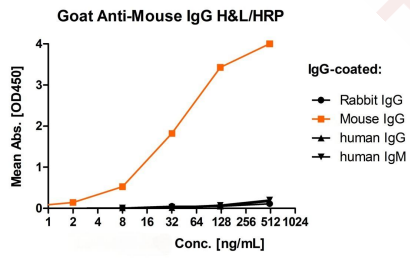
Primary: Anti- GAPDH at 1/5000 dilution

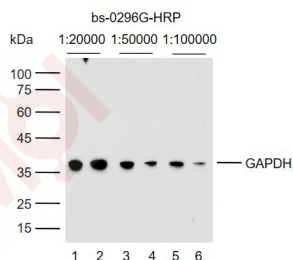
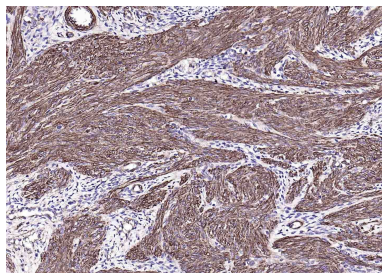
Secondary: Goat Anti-Mouse IgG H&L-HRP (TMAB-02010H) at 1/20000~1/100000 dilution

Predicted band size: 38 kDa

Observed band size: 38 kDa







Application: ELISA,IHC-F,IHC-P,WB

Recommended WB: 1:2000-20000; IHC-P: 1:200-1000; IHC-F: 1:200-1000; ELISA: 1:2000-20000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Native Mouse IgG

Synonyms: Goat Anti-Mouse IgG H&L (HRP);Immunoglobulin G

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481