

F(ab')<sub>2</sub> Fragment Goat Anti-rabbit IgG H&L Secondary Antibody-Biotin

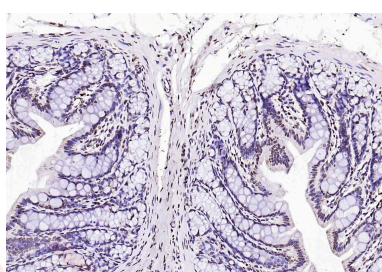
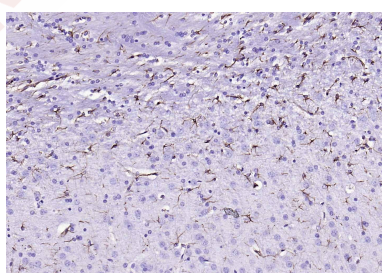
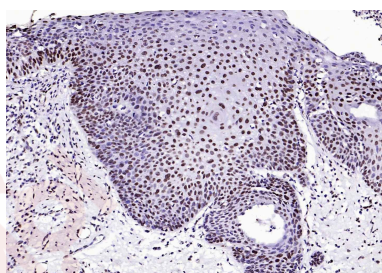
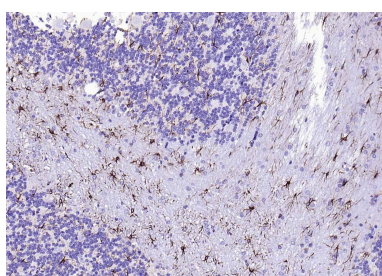
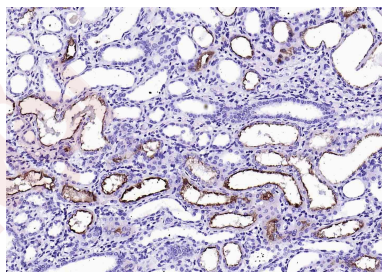
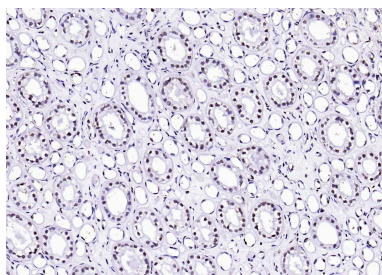
## Product Details

Ig Type:	IgG
Reactivity:	Rabbit

## Applications

## Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded (Human kidney); 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 (Histone H3 (Nuclear Loading Control)) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (TMAB-02062B 1:1000) instructions and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded (Human kidney cancer); 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 (ACE2) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (TMAB-02062B 1:1000) instructions and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); 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 (GFAP) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (TMAB-02062B 1:1000) instructions and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded (human laryngeal 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 (Histone H3 (Nuclear Loading Control)) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (TMAB-02062B 1:1000) instructions and DAB staining.
5. 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 (GFAP) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (TMAB-02062B 1:1000) instructions and DAB staining.
6. 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 (Histone H3 (Nuclear Loading Control)) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (TMAB-02062B 1:1000) instructions and DAB staining.



Application:

ELISA, ICC/IF, IF, IHC-F, IHC-P, WB

Recommended

IHC-P: 1:400-800; WB: 1:1000-20000; IHC-F: 1:100-1000; ELISA: 1:1000-20000; ICC/IF: 1:100-1000; IF: 1:100-1000; FCM: 1:100-1000

### Properties

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

Shipping: Shipping with blue ice.

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### Antigen Details

Immunogen: Native Rabbit IgG

Synonyms: F(ab')<sub>2</sub> Fragment Goat Anti-rabbit IgG H+L (Biotin); F(ab)<sub>2</sub> Fragment Goat Anti-Rabbit IgG H&L (Biotin); Biotin AffiniPure F(ab')<sub>2</sub> Fragment Goat Anti-Rabbit IgG (H+L); F(ab)<sub>2</sub> Fragment Goat Anti-Rabbit IgG H&L/Biotin

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### 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.

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