

Anti-GC1q R Antibody (3E193)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 31 kDa. Actual: 28 kDa.
Clone:	3E193
Purification:	Protein A purified

Applications

- 25 ug total protein per lane of various lysates (see on figure) probed with GC1q R monoclonal antibody, unconjugated (TMAB-06371) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
- 4% Paraformaldehyde-fixed PANC-1 (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (GC1q R) monoclonal Antibody, unconjugated (TMAB-06371) 1: 100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, BF488) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.
- The PANC-1 (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-GC1q R antibody (TMAB-06371, 1: 100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.
- Paraformaldehyde-fixed, paraffin embedded Mouse Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
- Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
- Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
- Paraformaldehyde-fixed, paraffin embedded Mouse Ovary; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
- Paraformaldehyde-fixed, paraffin embedded Rat Ovary; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
- Paraformaldehyde-fixed, paraffin embedded Human Ovary; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal

Verified Activity:

Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

10. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

11. Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

12. Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

13. Paraformaldehyde-fixed, paraffin embedded Mouse Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

14. Paraformaldehyde-fixed, paraffin embedded Rat Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

15. Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

16. Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GC1q R Monoclonal Antibody, Unconjugated (TMAB-06371) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

Application: FCM,ICC/IF,IF,IHC-Fr,IHC-P,WB

Recommended FCM=1:50-100; ICC/IF=1:50-200; IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; WB=1:500-2000

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human Complement C1q binding protein

Antigen Species: Human

Gene ID: 708

Uniprot ID: Q07021

Research Background

Binds to the globular "heads" of C1Q thus inhibiting C1 activation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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