

Anti-USP28 Antibody (2G708)

Product Details

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|-------------------|--------------------|----------|------------------|
| Ig Type: | IgG | | |
| Reactivity: | Human | | |
| Molecular Weight: | Theoretical: | 122 kDa. | Actual: 135 kDa. |
| Clone: | 2G708 | | |
| Purification: | Protein A purified | | |

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded Human Ovarian Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with USP28 Monoclonal Antibody, Unconjugated (TMAB-14023) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with USP28 Monoclonal Antibody, Unconjugated (TMAB-14023) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Human Small Intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with USP28 Monoclonal Antibody, Unconjugated (TMAB-14023) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Human Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with USP28 Monoclonal Antibody, Unconjugated (TMAB-14023) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human Thymus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with USP28 Monoclonal Antibody, Unconjugated (TMAB-14023) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
6. 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 USP28 Monoclonal Antibody, Unconjugated (TMAB-14023) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
7. 25 µg total protein per lane of various lysates (see on figure) probed with USP28 monoclonal antibody, unconjugated (TMAB-14023) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.

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

A DRUG SCREENING EXPERT

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

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 USP28

Antigen Species: Human

Gene ID: 57646

Uniprot ID: Q96RU2

Research Background

Deubiquitinase involved in DNA damage response checkpoint and MYC proto-oncogene stability. Involved in DNA damage induced apoptosis by specifically deubiquitinating proteins of the DNA damage pathway such as CLSPN. Also involved in G2 DNA damage checkpoint, by deubiquitinating CLSPN, and preventing its degradation by the anaphase promoting complex/cyclosome (APC/C).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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