

## Anti-K63-linkage specific ubiquitin Antibody (7T46)

### Product Details

|                   |                                          |
|-------------------|------------------------------------------|
| Ig Type:          | IgG                                      |
| Reactivity:       | Human,Mouse,Rat                          |
| Molecular Weight: | Theoretical: 26 kDa. Actual: 10-200 kDa. |
| Clone:            | 7T46                                     |
| Purification:     | Protein A purified                       |

### Applications

#### Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Mouse Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Rat Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Mouse Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in

sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.

9. Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.

10. Paraformaldehyde-fixed, paraffin embedded Mouse Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.

11. Paraformaldehyde-fixed, paraffin embedded Rat Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.

12. Paraformaldehyde-fixed, paraffin embedded Human Prostate Tumor; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.

13. Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.

14. Paraformaldehyde-fixed, paraffin embedded Human Pancreatic Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with K63-linkage specific ubiquitin Monoclonal Antibody, Unconjugated (TMAB-07894) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining and DAB staining.

15. 25 µg total protein per lane of various lysates (see on figure) probed with K63-linkage specific ubiquitin monoclonal antibody, unconjugated (TMAB-07894) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.

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

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

### 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 K63-linkage specific ubiquitin  
Antigen Species: Human  
Gene ID: 7314  
Uniprot ID: P0CG47

---

### Research Background

Ubiquitin: Exists either covalently attached to another protein, or free (unanchored). When covalently bound, it is conjugated to target proteins via an isopeptide bond either as a monomer (monoubiquitin), a polymer linked via different Lys residues of the ubiquitin (polyubiquitin chains) or a linear polymer linked via the initiator Met of the ubiquitin (linear polyubiquitin chains).

**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