

bsm-63008R**[Primary Antibody]**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

Ubiquitin Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 19D17**GeneID:** 7314**SWISS:** P0CG47**Target:** Ubiquitin**Immunogen:** A synthesized peptide derived from human Ubiquitin: 50-76.**Purification:** affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

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).

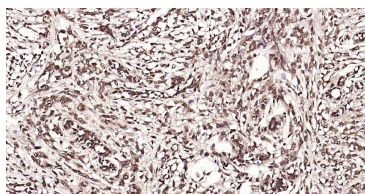
Applications: IHC-P (1:100-500)

IHC-F (1:100-500)

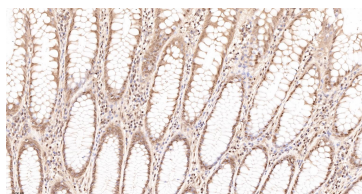
IF (1:100-500)

Flow-Cyt (1:50-100)

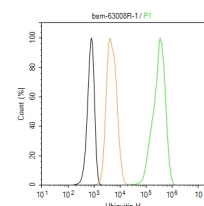
ICC/IF (1:50-200)

Reactivity: Human, Mouse, Rat**Predicted MW.:** 26 kDa**Observed MW.:** >90 kDa**Subcellular Location:** Cytoplasm ,Nucleus**VALIDATION IMAGES**

Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Ubiquitin Monoclonal Antibody, Unconjugated(bsm-63008R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Ubiquitin Monoclonal Antibody, Unconjugated(bsm-63008R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining and DAB (C-0010) staining.



The HeLa (treated with MG132 (10 μM, 10H)) (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-Ubiquitin antibody (bsm-63008R,1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=8.5]** Siting Wu. et al. Grouper deubiquitinating enzyme ovarian tumor domain-containing protein 5 (OTUD5) stabilizes stimulator of interferon genes (STING) via the autophagy-lysosomal pathway to modulate antiviral innate immunity in fish. INT J BIOL MACROMOL. 2026 Apr.;151793 WB ;Grouper. 41937022