

bsm-63006R**[Primary Antibody]**

K63-linkage specific ubiquitin Recombinant Rabbit mAb

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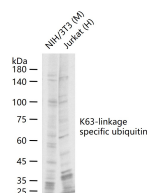
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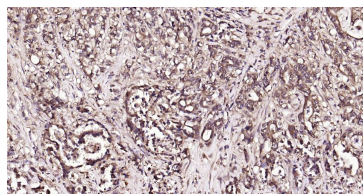
DATASHEET

Host: Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 6H18**GeneID:** 7314**SWISS:** P0CG47**Target:** K63-linkage specific ubiquitin**Immunogen:** A synthesized peptide derived from human K63-linkage specific ubiquitin: IQ-K-ES.**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:** **WB** (1:500-2000)**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.:** 10-200 kDa**Subcellular Location:** Cytoplasm ,Nucleus

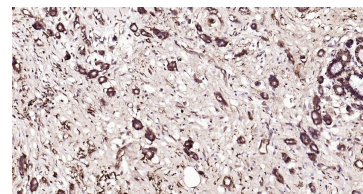
VALIDATION IMAGES



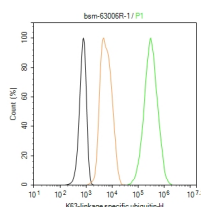
25 ug total protein per lane of various lysates (see on figure) probed with K63-linkage specific ubiquitin monoclonal antibody, unconjugated (bsm-63006R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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(bsm-63006R) 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 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(bsm-63006R) 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 MG-132(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-K63-linkage specific ubiquitin antibody (bsm-63006R,1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

was performed.

— SELECTED CITATIONS —

- **[IF=5.8]** Yiyang Pan. et al. Selective autophagic degradation of glycolytic activator PFKFB3 contributes to maintaining intestinal epithelial barrier in inflammatory bowel disease. INT J MOL MED. 2026 Feb;57(2):1-16 WB ;Human. 41384306