

**bsm-61721R**

**[ Primary Antibody ]**

## Jab1/COP55 Recombinant Rabbit mAb

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### — DATASHEET —

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Recombinant

**GeneID:** 10987

**SWISS:** Q92905

**Target:** Jab1/COP55

**Immunogen:** A synthesized peptide derived from human COPS5: 10-80.

**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:** Probable protease subunit of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of the SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2.

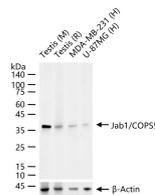
**Applications:** WB (1:500-2000)  
IHC-P (1:100-200)  
IHC-F (1:100-200)  
IF (1:50-200)  
Flow-Cyt (1:50-100)  
ICC/IF (1:50-200)  
IP (1:20-50)

**Reactivity:** Human, Mouse, Rat

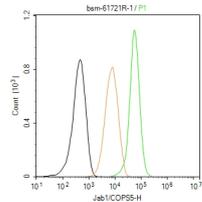
**Predicted MW.:** 38

**Subcellular Location:** Cytoplasm ,Nucleus

### — VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with Jab1/COP55 monoclonal antibody, unconjugated (bsm-61721R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



The U-87MG (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-Jab1/COP55 antibody (bsm-61721R, 1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.