bsm-54797R **[Primary Antibody]**

phospho-YAP1 (Ser127) Recombinant Rabbit mAb

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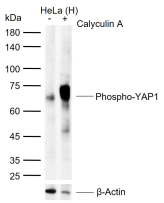
DATASHEET

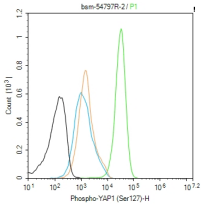
Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 10C1
GeneID: 10413
SWISS: P46937
Target: YAP1 (Ser127)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human YAP around the phosphorylation site of Ser127: AH(p-S)SP.
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: 0.01M TBS(pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Background: This gene encodes the human ortholog of chicken YAP protein which binds to the SH3 domain of the Yes proto-oncogene product. This protein contains a WW domain that is found in various structural, regulatory and signaling molecules in yeast, nematode, and mammals, and may be involved in protein-protein interaction. [provided by RefSeq].

Applications: **WB** (1:500-3000)
Flow-Cyt (2ug/Test)
Reactivity: Human (predicted: Mouse, Rat)
Predicted MW.: 55 kDa
Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: Lane 1: Human HeLa cell lysates Lane 2: Human HeLa treated with 100ng/ml Calyculin A for 30 min cell Primary: Anti-Phospho-YAP1 (Ser127) (bsm-54797R) at 1/3000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 55 kDa Observed band size: 65 kDa



Blank control:MCF7. Primary Antibody (green line): Rabbit Anti-Phospho-YAP1 (Ser127) antibody (bsm-54797R) Dilution: 2µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF488 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at-20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.