**bs-5231R** **[ Primary Antibody ]**

# phospho-Bid (Ser61) Rabbit pAb

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 12122 **SWISS:** P70444

**Target:** Bid (Ser61)

**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from mouse Bid around the phosphorylation site of Ser61: DG(p-S)QA.

**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:** Bid, a BH3 domain containing proapoptotic Bcl2 family member, is localized in the cytosolic fraction of cells as an inactive precursor. Its active form is generated upon proteolytic cleavage by caspase 8 in the Fas signaling pathway. Cleaved Bid translocates to mitochondria and releases its potent proapoptotic activity, which in turn induces cytochrome c release and mitochondrial damage. The cytochrome c releasing activity of Bid was antagonized by Bcl2. Mutation in the SH3 domain can diminish the cytochrome c releasing activity. In animal model studies, Bid deficient mice are found resistant to the lethal effects of death factor signals relayed through Fas.

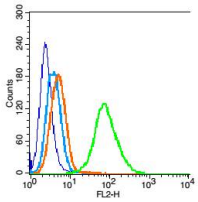
**Applications:** **Flow-Cyt** (0.2µg/Test)

**Reactivity:** Human (predicted: Mouse)

**Predicted MW.:** 21 kDa

**Subcellular Location:** Cell membrane ,Cytoplasm

## VALIDATION IMAGES




Blank control: 293T cells(blue). Primary Antibody: Rabbit Anti-PARK7/CAP1 antibody(bs-5231R), Dilution: 0.2µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG (orange) ,used under the same conditions. Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.