bsm-30131M **[Primary Antibody]**

human CD95 Mouse mAb

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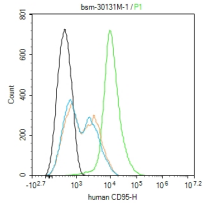
DATASHEET

Host: Mouse
Isotype: Mouse IgG1, k
Clonality: Monoclonal
CloneNo.: 3B7
Target: human CD95
Purification: affinity purified by Protein G
Storage: 0.01M TBS (pH7.4).
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains a death domain. It has been shown to play a central role in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of this receptor with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade, and leads to apoptosis. This receptor has been also shown to activate NF-kappaB, MAPK3/ERK1, and MAPK8/JNK, and is found to be involved in transducing the proliferating signals in normal diploid fibroblast and T cells. Several alternatively spliced transcript variants have been described, some of which are candidates for nonsense-mediated mRNA decay (NMD). The isoforms lacking the transmembrane domain may negatively regulate the apoptosis mediated by the full length isoform. [provided by RefSeq, Mar 2011]

Applications: **Flow-Cyt** (1ug/Test)
Reactivity: Human
Predicted MW.: 35 kDa
Subcellular Location: Secreted ,Cell membrane

VALIDATION IMAGES



Blank control:HepG2. Primary Antibody (green line): Mouse Anti-human CD95 antibody (bsm-30131M) Dilution: 1ug/Test; Secondary Antibody (white blue line) : Goat anti-Mouse IgG-AF488 Dilution: 0.5ug/Test. Isotype control （orange line）： Normal Mouse IgG Protocol The cells were 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.