bs-2418R **[Primary Antibody]**

NCR3 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 259197 **SWISS:** O14931

Target: NCR3

Immunogen: KLH conjugated synthetic peptide derived from human CD337: 81-180/201. < Extracellular >

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: NCR3 is a cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis. It is a member of the Ig superfamily and may cooperate with NKp46 and NKp44 in the induction of cytotoxicity against a variety of target cells and is selectively expressed by all NK cells, both freshly isolated and cultured in IL2, thus representing an optimal marker for NK cell identification. Similar to NKp46 and CD16, NKp30 associated with CD3 zeta chains becomes tyrosine phosphorylated following cell treatment with pervanadate. Its extracelluar portion is characterized by a single domain of the V-type and by a region rich in hydrophobic amino acids, potentially involved in protein/protein interactions that connects the Ig V-like domain with the transmembrane portion. It is selectively expressed by all resting and activated NK cells and weakly expressed in spleen.

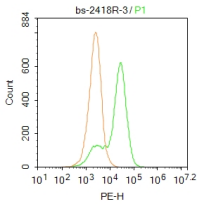
Applications: **Flow-Cyt** (2ug/Test)

Reactivity: Human (predicted: Rat, Rabbit, Dog, Horse)

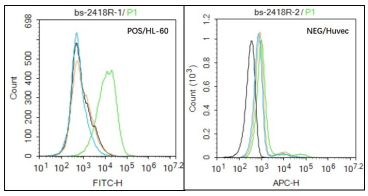
Predicted MW.: 20 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Blank control: HL60. Primary Antibody (green line): Rabbit Anti-NCR3 antibody (bs-2418R) Dilution: 3μg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 1μg /test. Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at 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.



Black line : Positive blank control (HL60); Negative blank control (HUVEC） Green line : Primary Antibody (Rabbit Anti-NCR3 antibody (bs-2418R)) Orange line：Isotype Control Antibody (Rabbit IgG) . Blue line : Secondary Antibody (Goat anti-rabbit IgG-AF647) HL60 （Positive）and HUVEC（Negative control）cells (black) were incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with NCR3 Antibody(bs-2418R)at 1:50 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2% BSA in PBS, followed by secondary antibody(blue) incubation for 40 min at room temperature. Acquisitions of 20,000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).