

NCR3

Mouse Anti-Human NKp30 (Clone B-S30) FITC mAb

Catalog No.	CDM324	Quantity:	100 tests
Alternate Names:	Natural cytotoxicity triggering receptor 3, Activating natural killer receptor p30, CD337, Natural killer cell p30-related protein, NKp30, NK-p30		
Description:	Natural cytotoxicity receptors (NCRs), are unique markers that regulate natural killer (NK) cell cytotoxicity and cytokine production. The NCR family are comprised of three type I transmembrane (TM) receptors, termed NKp46, NKp44, and NKp30, which are encoded by the genes, NCR1, NCR2, and NCR3, respectively. Even though the NCRs were discovered based on their ability to induce NK cell cytotoxicity of monoclonal antibody (mAb)-coated tumor cell targets, the blocking of individual NCR activity using soluble mAbs had only a mild effect on NK cell cytotoxicity and different tumor cells varied in their susceptibility. Combinations of soluble mAbs to the NCRs were found to have a much stronger blocking effect for selected tumor cell-lines indicating that the NCRs can cooperate with each other to mediate NK cell cytotoxicity of certain tumor cell-types.		
UniProt ID:	O14931		
Gene ID:	259197		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c lymph node cells		
Specificity:	Recognizes both native and recombinant NKp30		
Host:	Mouse		
Immunogen:	Recombinant human NKp30/Fc		
Isotype:	IgG2bk		
Clone:	B-S30		
Concentration:	100 tests / 1 ml		
Formulation:	PBS containing 5 % BSA and 0.1 % sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Conjugate:	FITC		
Applications:	Flow cytometry		
Application Notes:	Use 10 µl to label 10 ⁶ cells or 100 µl of whole blood		
Storage & Stability:	Stable at 2-8°C for 12 months. For longer storage, freeze aliquots. Avoid repeated freeze-thaw cycles.		

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