

## NCR3

### Mouse Anti-Human NKp30 (Clone B-S30) Purified mAb

<b>Catalog No.</b>	CDM325	<b>Quantity:</b>	200 tests
<b>Alternate Names:</b>	Natural cytotoxicity triggering receptor 3, Activating natural killer receptor p30, CD337, Natural killer cell p30-related protein, NKp30, NK-p30		
<b>Description:</b>	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.		
<b>UniProt ID:</b>	O14931		
<b>Gene ID:</b>	259197		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x Balb/c node cells		
<b>Specificity:</b>	Recognizes both native and recombinant NKp30		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant human NKp30/Fc		
<b>Isotype:</b>	IgG2bk		
<b>Clone:</b>	B-S30		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x BALB/c spleen cells		
<b>Formulation:</b>	PBS containing 1 % BSA and 0.09 % sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Concentration:</b>	200 tests / 2 ml		
<b>Applications:</b>	Flow cytometry		
<b>Application Notes:</b>	Use 10 µl to label 10 <sup>6</sup> cells or 100 µl of whole blood		
<b>Storage &amp; Stability:</b>	Stable at 2-8°C for 12 months. For longer storage freeze aliquots. <b>Avoid repeated freeze-thaw cycles</b>		

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