

NKG2D Monoclonal Antibody (CX5), PE-Cyanine7

Catalog NumberA18451

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Mouse
Host/Isotope	Rat / IgG1, kappa	Tested Applications	
Class	Monoclonal	Flow Cytometry (Flow)	Dilution *
Type	Antibody	Assay-dependent	
Clone	CX5	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Mouse CD314		
Conjugate	PE-Cyanine7		
Form	Liquid		
Concentration	0.2 mg/mL		
Storage Conditions	4° C		

Background/Target Information

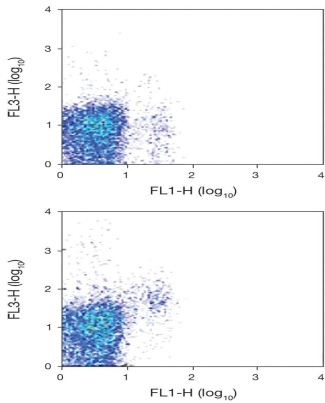
Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. NK cells can regulate specific humoral and cell-mediated immunity, and preferentially express several calcium-dependent (C-type) lectins, which have been implicated in the regulation of NK cell function. The NK gene encodes a member of the NKG2 family, and the encoded transmembrane protein is characterized by a type II membrane orientation (extracellular C terminus) and the presence of a C-type lectin domain. The NKG2 gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed in NK cells.

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NKG2D Antibody (A18451) in Flow

Staining of C57BL/6 splenocytes with Anti-Mouse CD49b (Integrin alpha 2) FITC and 0.125 ug of Rat IgG1 K Isotype Control PE-Cyanine7 (top) or 0.125 ug of Anti-Mouse CD314 (NKG2D) PE-Cyanine7 (bottom, A18451). Cells in the lymphocyte gate were used for analysis.

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