

For Research Use Only

Anti-Mouse CD314/NKG2D (CX5)

Catalog Number: 65100-1-Ig



Basic Information

Catalog Number: 65100-1-Ig	GenBank Accession Number: BC057147	Purification Method: Affinity purification
Size: 100ug , 0.5 mg/ml	GeneID (NCBI): 27007	CloneNo.: CX5
Source: Rat	UNIPROT ID: O54709	
Isotype: IgG1, kappa	Full Name: killer cell lectin-like receptor subfamily K, member 1	

Applications

Tested Applications:
FC

Species Specificity:
Mouse

Background Information

CD314, also known as NKG2D or Killer cell lectin-like receptor subfamily K member 1 (KLRK1), is a type II lectin-like transmembrane stimulatory receptor (PMID: 8436421). In mice, CD314 is expressed on NK cells, activated CD8(+) T cells and macrophages, and subsets of TCR gamma delta (+) and NK1.1 (+) T cells (PMID: 12150888). Various subfamilies of MHC class I-related glycoproteins have been identified as the ligands for mouse CD314, including RAET1A, RAET1B, RAET1C, RAET1D, RAET1E, H60 and MULT1 (PMID: 31720075).

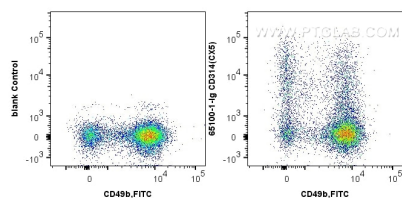
Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



1X10⁶ C57 mouse splenic NK cells were surface co-stained with FITC Anti-Mouse CD49b and 0.5 μ g Anti-Mouse CD314/NKG2D (65100-1-Ig, Clone: CX5) or unstained (blank control). Cells were not fixed.