

For Research Use Only

# Anti-Mouse CD314/NKG2D (CX5)

Catalog Number: 65100-1-Ig



## Basic Information

Catalog Number:

65100-1-Ig

Size:

100ug, 0.5 mg/ml

Source:

Rat

Isotype:

IgG1, kappa

GenBank Accession Number:

BC057147

GeneID (NCBI):

27007

UNIPROT ID:

O54709

Full Name:

killer cell lectin-like receptor  
subfamily K, member 1

Purification Method:

Affinity purification

CloneNo.:

CX5

## 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:

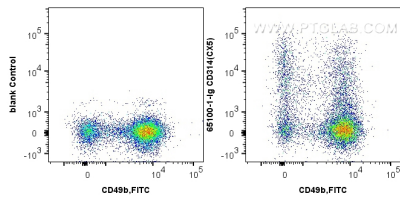
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## Selected Validation Data



1X10<sup>6</sup> C57 mouse splenic NK cells were surface co-stained with FITC Anti-Mouse CD49b and 0.5 ug Anti-Mouse CD314/NKG2D (65100-1-Ig, Clone: CX5) or unstained (blank control). Cells were not fixed.