*InVivo*Pro Anti-Mouse NKG2D (CD314) *in vivo* antibody, Clone CX5

Cat #: IV0176 **Size: 1mg, 5mg, 25mg, 50mg, 100mg**

Product Information

Isotype:	Rat IgG1 κ
Reactivity:	Mouse
Formulation:	PBS, pH 7.2, contains no stabilizers or preservatives
Concentration:	Lot specific
Applications:	*In vivo* NKG2D blockade, *in vitro* NKG2D blockade
Recommended Isotype Control:	Rat IgG1 Isotype Control
Endotoxin:	≤ 1.0 EU/mg, by the LAL method
Purity:	99%
Sterility:	0.2 μM filtered
Purification:	Protein A or G
Recommended Dose Range:	Each investigator should determine their own optimal working dilution for specific applications.
Storage:	This antibody is stable for at least 2 months when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid repeated freeze thaw cycles.

Background

NKG2D, a type II transmembrane lectin-like glycoprotein also known as CD314, is expressed on NK cells, NKT cells, CD8 T cells, γ/δ T cells, and macrophages. NKG2D has been implicated in anti-tumor surveillance, the immune response against viral infection, and in diabetes progression in NOD mice. The CX5 monoclonal antibody reacts with mouse NKG2D.

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.