



# Mouse Anti-Human CD314/NKG2D monoclonal antibody, clone 149810 (CABT-L391M)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Detects human NKG2D/CD314. This clone was used by HLDA to establish CD designation
<b>Immunogen</b>	BaF3 mouse pro-B cell line transfected with human NKG2D/CD314
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	149810
<b>Purification</b>	Affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in WB, FC, Block, CyTOF-ready, and FuncS. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Format</b>	Lyophilized
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalos
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C.

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# BACKGROUND

Introduction	NKG2D, also known as CD314, is a type II transmembrane glycoprotein having an extracellular lectin-like domain. This domain lacks the recognizable calcium-binding sites found in true C-type lectins and binds protein rather than carbohydrate ligands.
Keywords	CD314; CD314 antigen; D12S2489E; Killer cell lectin like receptor subfamily K member 1; Killer cell lectin-like receptor subfamily K member 1; KLR; Klrk1; NK cell receptor D; NK lectin-like receptor; NKG2 D activating NK receptor

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