



## Datasheet for ABIN119850 anti-KIR2D antibody



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### 1 Image

#### Overview

Quantity:	0.2 mg
Target:	KIR2D
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIR2D antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA), Immunoprecipitation (IP), DNA Microscopy (DNA Mic)

#### Product Details

Clone:	NKVFS1
Isotype:	IgG1
Specificity:	This antibody recognises KIR2D members of the killer cell immunoglobulin (Ig)-like receptor (KIR) family, CD158a, CD158b and P50.3. Clone NKVFS1 specifically recognises the long and short forms CD158a and CD158b (KIR2DL, KIR2DS1 and KIR2DS2 respectively) and also p50.3 (KIR2DS4). The Clone is reported to have Functional Activity, activating NK cell cytotoxicity via KIR2DS and inhibiting via KIR2DL forms. We recommend the use of Azide Free antibody Cat.-No SM2036A for this purpose.
Purification:	Affinity Chromatography on Protein G

## Target Details

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Target:	KIR2D
Alternative Name:	CD158 / KIR2D ( <a href="#">KIR2D Products</a> )
Background:	KIR2D family members are cell surface glycoproteins with two Ig domains, which are expressed on natural killer cells and some T cells. Synonyms: CD158a, CD158b, CD158i, KI2DL1, KILLER CELL Immunoglobulin-Like Receptors, KIR2DL3, KIR2DS4

## Application Details

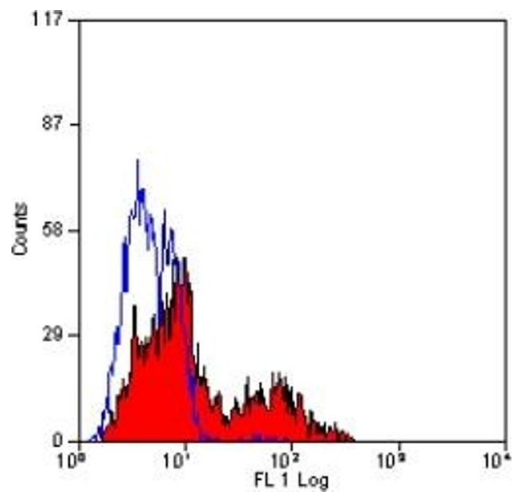
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Application Notes:	Flow cytometry: 1/50 - 1/100, Use 10 µL of the suggested working dilution to label 10 <sup>6</sup> cells in 100 µL. ELISA. Immunoprecipitation. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

## Handling

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Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



### Flow Cytometry

**Image 1.** Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN KIR (ABIN119850).