

# GenieFluor Violet 421 Anti-Mouse CD49b Antibody [DX5]

AGEL5261

## Description

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This GenieFluor Violet 421 Anti-Mouse CD49b Antibody [DX5] is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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<b>SKU:</b>	AGEL5261
<b>Contents:</b>	50 Tests Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Clonality:</b>	Monoclonal
<b>Clone:</b>	DX5
<b>Synonyms:</b>	CD49 antigen-like family member B, CD49b, Collagen receptor, GPIa, Integrin alpha-2, Platelet membrane glycoprotein Ia, VLA-2 subunit alpha, pan-NK cells
<b>Applications:</b>	<b>FCM</b>
<b>Reactivity:</b>	Mouse
<b>Immunogen:</b>	-

## Antibody Data

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<b>Uniprot ID:</b>	Q62469
<b>Gene ID:</b>	16398
<b>Swissprot:</b>	Q62469
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgM, κ

<b>Isotype Control:</b>	Genie Bright™ Violet 421 Rat IgM, κ Isotype Control[R4-22]
<b>Conjugation:</b>	Genie Bright™Violet 421
<b>Conjugation Information:</b>	Genie Bright™ Violet 421 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 421 nm (e.g., a 450/50 nm bandpass filter).
<b>Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Purification:</b>	-
<b>Target:</b>	CD49b
<b>Cellular Localization:</b>	Membrane
<b>Tissue Specificity:</b>	-
<b>Verified Samples:</b>	-
<b>Concentration:</b>	5 µL/Test

## Preparation & Storage

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<b>Storage:</b>	This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping:</b>	Ice bag
<b>Recommended Dilution:</b>	-

**Recommended Usage:**

Application	Recommended Usage
FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.

