

# GenieFluor Violet 450 Anti-Mouse CD19 Antibody [1D3]

AGEL2938

## Description

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This GenieFluor Violet 450 Anti-Mouse CD19 Antibody [1D3] 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>	AGEL2938
<b>Contents:</b>	100µg, 25µg Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Clonality:</b>	Monoclonal
<b>Clone:</b>	1D3
<b>Synonyms:</b>	B-lymphocyte antigen CD19, CD19, Cd19, Differentiation antigen CD19
<b>Applications:</b>	<b>FCM</b>
<b>Reactivity:</b>	Mouse
<b>Immunogen:</b>	-

## Antibody Data

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<b>Uniprot ID:</b>	P25918
<b>Gene ID:</b>	12478
<b>Swissprot:</b>	P25918
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgG2a, κ
<b>Isotype Control:</b>	GenieFluor Violet 450 Rat IgG2a, κ Isotype Control[2A3]

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

<b>Conjugation:</b>	GenieFluorViolet 450
<b>Conjugation Information:</b>	GenieFluor Violet 450 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).
<b>Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Purification:</b>	-
<b>Target:</b>	CD19
<b>Cellular Localization:</b>	Membrane
<b>Tissue Specificity:</b>	-
<b>Verified Samples:</b>	-
<b>Concentration:</b>	0.5 mg/mL

## Preparation & Storage

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**Storage:** This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

**Shipping:** Ice bag

**Recommended Dilution:** -

**Recommended Usage:**

Application	Recommended Usage
FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10 <sup>6</sup> cells in 100 µL volume]

**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.