

# GenieFluor 647 Anti-Human/Mouse Integrin Beta7 Antibody [FIB21]

AGEL4773

## Description

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This GenieFluor 647 Anti-Human/Mouse Integrin Beta7 Antibody [FIB21] 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>	AGEL4773
<b>Contents:</b>	20 Tests, 100 Tests Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Clonality:</b>	Monoclonal
<b>Clone:</b>	FIB21
<b>Synonyms:</b>	$\beta$ 7 Integrin, integrin $\beta$ p, ITGB7
<b>Applications:</b>	<a href="#">FCM</a>
<b>Reactivity:</b>	Human, Mouse
<b>Immunogen:</b>	-

## Antibody Data

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<b>Uniprot ID:</b>	P26010, P26011
<b>Gene ID:</b>	3695, 16421
<b>Swissprot:</b>	P26010P26011
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgG2b, $\kappa$
<b>Isotype Control:</b>	GenieFluor 647 Rat IgG2b, $\kappa$ Isotype Control[LTF-2]

<b>Conjugation:</b>	GenieFluor647
<b>Conjugation Information:</b>	GenieFluor 647 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).
<b>Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Purification:</b>	-
<b>Target:</b>	Integrin $\beta$ 7
<b>Cellular Localization:</b>	Membrane
<b>Tissue Specificity:</b>	-
<b>Verified Samples:</b>	-
<b>Concentration:</b>	5 $\mu$ L/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 $\mu$ L of antibody per test (million cells in 100 $\mu$ L staining volume or per 100 $\mu$ L 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.