

PE/Cyanine7 anti-mouse Integrin α V β 8 Antibody

Catalog# / Size	114807 / 25 μ g 114808 / 100 μ g
Clone	S20011B
Regulatory Status	RUO
Other Names	Integrin alpha V beta 8
Isotype	Rat IgG1, κ
Description	Integrins are heterodimeric transmembrane receptors that mediate cell-cell and cell-extracellular matrix adhesion. Integrin α V β 8 is also involved in TGF- β activation, which contributes to regulatory T cell (Treg) activities.

Product Details

Verified Reactivity	Mouse
Antibody Type	Monoclonal
Host Species	Rat
Immunogen	Mouse α V β 8 integrin-transfected cells
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Preparation	The antibody was purified by affinity chromatography and conjugated with PE/Cyanine7 under optimal conditions.
Concentration	0.2 mg/mL
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis . For flow cytometric staining, the suggested use of this reagent is ≤ 0.5 μ g per million cells in 100 μ L volume. It is recommended that the reagent be titrated for optimal performance for each application.
Excitation Laser	Blue Laser (488 nm) Green Laser (532 nm)/Yellow-Green Laser (561 nm)
Application Notes	Clone S20011B does not affect the binding of clone S20011E on target cells. Clone S20011B does not react with mouse integrin α V β 6.
RRID	AB_3662175 (BioLegend Cat. No. 114807) AB_3662175 (BioLegend Cat. No. 114808)

Antigen Details

Structure	Integrins
Distribution	Epithelial cells
Function	Cell adhesion, TGF- β activation
Cell Type	Epithelial cells, Tregs

Biology Area Cell Adhesion, Cell Biology, Immuno-Oncology, Immunology

Molecular Family Adhesion Molecules

Antigen References 1. Moyle M, *et al.* 1991. *J Biol Chem.* 266:19650-8

Gene ID [16410](#)
[320910](#)

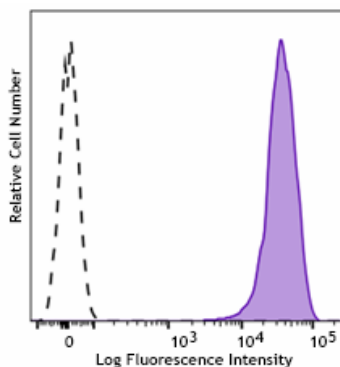
Related Protocols

- [Cell Surface Flow Cytometry Staining Protocol](#)

Other Formats

Purified anti-mouse Integrin α V β 8, FITC anti-mouse Integrin α V β 8, PE anti-mouse Integrin α V β 8, PE/Cyanine7 anti-mouse Integrin α V β 8, APC anti-mouse Integrin α V β 8

Product Data



Mouse integrin α V β 8 transfected Ba/F3 cells were stained with anti-mouse Integrin α V β 8 (clone S20011B) PE/Cyanine7 (filled histogram) or rat IgG1, κ PE/Cyanine7 isotype control (open histogram).

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