

Human/Porcine/Equine Integrin β 1/CD29 Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 419127

Catalog Number: FAB17783G
100 μ g

DESCRIPTION

Species Reactivity	Human/Porcine/Equine
Specificity	Detects human Integrin β 1/CD29 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human Integrin β 3, β 4, β 5, β 8, recombinant mouse Integrin β 1, β 2, β 6, or β 7 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 419127
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Integrin β 1/CD29 Gln21-Asp728 (predicted) Accession # P05556
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 μ g/10 ⁶ cells	Human peripheral blood mononuclear cells (PBMCs), porcine mesenchymal stem cells, and equine peripheral blood mononuclear cells (PBMCs)

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

The Integrin β 1 subunit, also known as VLA- β chain or CD29, associates with at least ten different Integrin α subunits. Within aa 21-728, human Integrin β 1 subunit is 94% aa identical to pig and sheep Integrin β 1 subunits.

PRODUCT SPECIFIC NOTICES

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