

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Integrin β 1/CD29 in direct ELISAs. In a sandwich immunoassay, this antibody detects the human Integrin α 4 β 1 heterodimer when used with the suggested capture antibody, Mouse Anti-Human Integrin α 4 (Catalog # MAB13541).
Source	Monoclonal Mouse IgG _{2B} Clone # 419119
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 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *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.

ELISA Optimal dilution of this antibody should be experimentally determined.

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. 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.

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