

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Integrin β 1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 25% cross-reactivity with recombinant mouse (rm) Integrin β 1 is observed and less than 1% cross-reactivity with recombinant human (rh) Integrin β 2, rhIntegrin β 3, rmIntegrin β 6, and rmIntegrin β 7 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Integrin β 1 isoform 1A Gln21-Asp728 Accession # P05556
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

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
Western Blot	0.1 μ g/mL	Recombinant Human Integrin β 1/CD29
Flow Cytometry	2.5 μ g/ 10^6 cells	Human peripheral blood mononuclear cells

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month from date of receipt, 2 to 8 °C, reconstituted. ● 6 months from date of receipt, -20 to -70 °C, reconstituted.

BACKGROUND

Integrin β 1, also called CD29 and VLA- β chain, associates with at least ten different integrin α subunits to form various VLA complexes. The β 1 subunit has a broad tissue distribution except erythrocytes.