

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Integrin β 7 in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 1% cross-reactivity with recombinant mouse (rm) Integrin β 1, rmIntegrin β 2, recombinant human Integrin β 3, and rmIntegrin β 6 is
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant mouse Integrin β 7 Glu20-His722 Accession # P26011
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.

CyTOF-ready	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Flow Cytometry	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

Integrin β 7 is a 130 kDa type I transmembrane glycoprotein that belongs to the integrin beta chain family. It heterodimerizes with either Integrin α 4 or α E. Whereas, Integrin α E β 7 is a receptor for E-Cadherin, Integrin α 4/ β 7 is a receptor for fibronectin, MAdCAM 1 and VCAM1. The extracellular domain of mouse Integrin β 7 shares 94% and 87% amino acid sequence identity with that of rat and human Integrin β 7, respectively.

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