

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Integrin β 7 extracellular domain in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant mouse (rm) Integrin β 1, β 2, β 3, β 4, β 5, or β 6 is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 332428
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant mouse Integrin β 7 Glu20-His722 Accession # P26011
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.

Western Blot 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 associates with the Integrin α 4 or α E subunits to form heterodimers that interact with Fibronectin, VCAM, MAdCAM, or E-Cadherin. It is highly expressed in leukocytes and is involved in localization of leukocytes at mucosal sites.

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