Mouse Integrin β2/CD18 Alexa Fluor® 488-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 313903

Catalog Number: FAB2618G

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Integrin β2/CD18 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant mouse (rm) Integrin β1, β4, β6, β7, recombinant human (rh) Integrin β2 or β3 is observed.
Source	Monoclonal Rat IgG_{2A} Clone # 313903
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant mouse Integrin β2/CD18 Gln24-Asn702 Accession # P11835
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.*

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 β2 is a transmembrane protein expressed by all leukocytes. It occurs in heterodimeric complexes with Integrin subunits αD, αL (complex also known as LFA-1), αM (Mac-1), or αX (CR-4). These complexes are important in adhesion and leukocyte trafficking.

PRODUCT SPECIFIC NOTICES

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