

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Integrin $\beta 6$ in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant mouse Integrin $\beta 6$ Gly22-Asn706 Accession # Q9Z0T9
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.
Immunocytochemistry	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 $\beta 6$ is a type I transmembrane Integrin β subunit that heterodimerizes with αV subunits in the epithelial restricted integrin $\alpha V/\beta 6$. The extracellular domain of mouse Integrin $\beta 6$ contains a collagen binding von-Willebrand factor A domain and multiple truncated EGF-like motifs. Mouse Integrin $\beta 6$ extracellular domain shares 96% and 91% amino acid sequence identity with the corresponding regions of the rat and human protein, respectively.

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