

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Integrin α 5/CD49e in direct ELISAs and Western blots. In direct ELISAs, approximately 50% cross-reactivity with recombinant human (rh) Integrin α 5 is observed, 15% cross-reactivity with rhIntegrin α 2 and rhIntegrin α M is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Integrin α 5/CD49e Phe45-Asn (Gln68Glu) Accession # P11688
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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

The α 5 subunit, also known as CD49e and VLA-5 α subunit, forms a heterodimer with the Integrin β 1 subunit (CD29). Integrin α 5 β 1 is a receptor for fibronectin and neural adhesion molecule L1.

PRODUCT SPECIFIC NOTICES

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