

DESCRIPTION

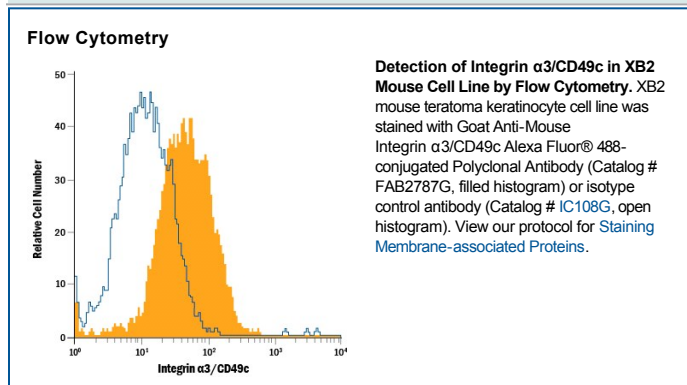
Species Reactivity	Mouse
Specificity	Detects mouse Integrin α 3/CD49c in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 1% cross-reactivity with recombinant mouse (rm) Integrin α 2, rmIntegrin α 4, rmIntegrin α 5, rmIntegrin α E, rmIntegrin α M, rmIntegrin α V and rmIntegrin α X is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse Integrin α 3/CD49c Phe33-Glu993 Accession # Q62470
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

	Recommended Concentration	Sample
Flow Cytometry	5 μ L/ 10^6 cells	See Below

DATA



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. <ul style="list-style-type: none"> ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Integrin α 3, also known as CD49c and VLA-3 α , is a type I membrane protein that heterodimerizes with Integrin β 1. α 3 β 1 is a cell surface adhesion molecule that functions as a receptor for Laminin, Fibronectin, Collagen, Epiligrin, Thrombospondin and Chondroitin Sulfate Proteoglycan 4. The extracellular domain of human and mouse Integrin α 3 share approximately 87% amino acid sequence homology.

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