

DESCRIPTION

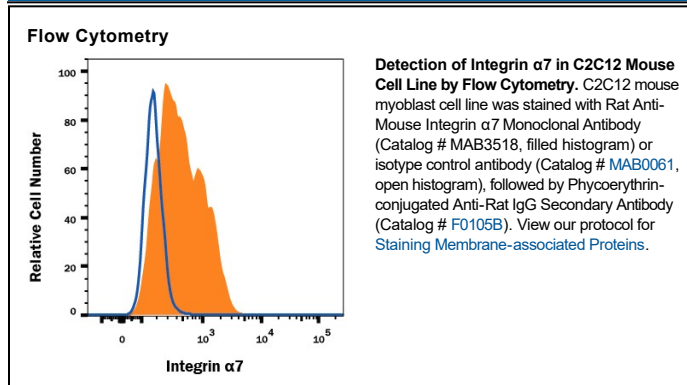
Species Reactivity	Mouse
Specificity	Detects mouse Integrin $\alpha 7$ in direct ELISAs. Reactivity with other Integrin $\alpha 7$ isoforms was not tested. In direct ELISAs, no cross-reactivity with recombinant mouse Integrin $\alpha 2$, $\alpha 3$, $\alpha 4$, $\alpha 5$, $\alpha 9$, αE , αX , recombinant human Integrin αL , or $\alpha 11$ is observed.
Source	Monoclonal Rat IgG _{2B} Clone # 334908
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant mouse Integrin $\alpha 7$ Phe34-Pro1036 Accession # NP_032424
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 μ m filtered solution in PBS.

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	0.25 μ g/10 ⁶ cells	See Below
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Integrin $\alpha 7$ is a transmembrane glycoprotein that forms heterodimers with Integrin $\beta 1$ to bind Laminin 1.