

Integrin alpha 9 + beta 1 antibody [Y9A2] (Azide free)

Cat. No. GTX39988

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	FCM, IP, Neutralizing /Inhibition
Reactivity	Human, Guinea pig

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FCM	Assay dependent
IP	Assay dependent
Neutralizing /Inhibition	Assay dependent

Note : In functional applications Mouse anti Human Integrin alpha 9 beta 1 antibody, clone Y9A2 has been shown to cause 100% inhibition of $\alpha 9\beta 1$ -mediated adhesion to the third fibronectin type III repeat in tenascin at <10ug/ml. Mouse anti Human Integrin alpha 9 beta 1 antibody, clone Y9A2 has been used to demonstrate Itg $\alpha 9$ blocking of progenitor cell proliferation (Schreiber et al. 2009).

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.0 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Murine L cells transfected with human alpha-9 integrin.
Purification	Purified IgG
Conjugation	Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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