

Integrin alpha 2 antibody [HMa2]

Cat. No. GTX01474

Host	Armenian Hamster
Clonality	Monoclonal
Isotype	IgG
Applications	FCM, IP
Reactivity	Mouse

References (4)

Package

100 µg

PRODUCT

Summary

The HMa2 antibody reacts with mouse CD49b, a 150 kDa glycoprotein member of the integrin family. CD49b, also known as integrin α 2, associates non-covalently with CD29 (integrin β 1) to form the VLA-2 heterodimer. VLA-2 integrin α function as cellular receptors for collagen and laminin. CD49b is expressed by platelets, intestinal epithelial cells, NK cells, epithelial cells, and a subset of CD4+ T cells. CD49b plays an essential role in mediating the adhesion of cells to the extracellular matrix.

Applications

Application Note

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

Suggested dilution	Recommended dilution
FCM	Assay dependent
IP	Assay dependent
Inhibition assay	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Unconjugated



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