

Integrin alpha 4 antibody [HP2/1]

Cat. No. GTX76407

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	ICC/IF, IHC-Fr, FACS, IP, Neutralizing/Inhibition
Reactivity	Human, Mouse, Rat, Rabbit, Goat, Bovine, Cat, Pig, Cynomolgus monkey, Horse, Llama, Mink, Mustelid, Rhesus Monkey

Reference (2)
Package
200 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
IHC-Fr	Assay dependent
FACS	1µg/5 x 10 ⁵ cells
IP	Assay dependent
Neutralizing/Inhibition	Assay dependent

Note : Use 10µl of the suggested working dilution to label 10⁶ cells in 100µl.

Mouse anti Human CD49d, clone HP2/1 can be used in basic studies of VLA-4 mediated adhesion and its interaction with the VCAM-1 structure and has been demonstrated to inhibit cell binding to soluble VCAM-1 (Weller et al. 1991).

Not tested in other applications.

Calculated MW 115 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	0.09% Sodium azide
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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	JM leukaemia line.
Purification	Purified IgG



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Conjugation	Unconjugated
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