

Integrin alpha 5 antibody [JBS5]

Cat. No. GTX74715

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	IHC-Fr, FCM, IP, Activation, Neutralizing/Inhibition
Reactivity	Human, Dog

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
IHC-Fr	0.5-1µg/ml
FCM	Neat-1/10
IP	1-5µg/ml
Activation	Assay dependent
Neutralizing/Inhibition	Assay dependent

Note : Use 20µl of the suggested working dilution to label 5 x 10⁵ cells or 100µl of whole blood.

Mouse anti human CD49e antibody, clone JBS5 been shown to stimulate homotypic cellular aggregation of alpha 5 beta 1 positive lymphoid cell lines (Shen et al. 1991). It also inhibits the adherence of cells to fibronectin.

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	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Protein G purified
Conjugation	Unconjugated



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