

Integrin alpha 5 antibody [JBS5]

Cat. No. GTX74715

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	IHC-Fr, FACS, 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
FACS	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



For full product information, images and publications, please visit our [website](#).

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

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).