

Purified Anti-Mouse CD49b Antibody[DX5]

catalog number: E-AB-F1116A

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

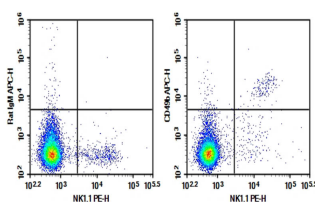
Reactivity	Mouse
Immunogen	Recombinant Mouse CD49b protein
Host	Rat
Isotype	Rat IgM, κ
Clone	DX5
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM ≤ 0.2 μ g per million cells in 100 μ L volume

Data



C57/BL6 Mouse splenocytes were stained with 0.2 μ g Purified Anti-Mouse CD49b Antibody[DX5](Right) and 0.2 μ g Rat IgM, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Rat IgM Secondary Antibody, then anti-Mouse NK1.1 PE-conjugated Monoclonal Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Integrin α -2/ β -1 is a collagen receptor, being responsible for adhesion of platelets and other cells to collagens, modulation of collagen and collagenase gene expression, force generation and organization of newly synthesized extracellular matrix. It is also a receptor for laminins, collagen C-propeptides and E-cadherin. Mice homozygous for a null mutation in the α -2 die very early in embryogenesis.

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