Purified Anti-Mouse/Rat CD29 Antibody[HMβ1-1]

catalog number: **E-AB-F1309A**

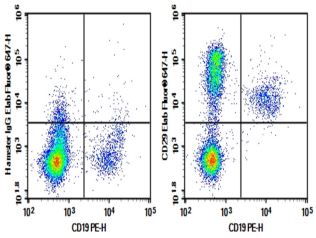
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse;Rat
Immunogen	Recombinant Mouse CD29 protein
Host	Armenian hamster
Isotype	Armenian hamster IgG
Clone	HMβ1-1
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 μg per million cells in 100 μL volume

Data



Rat bone marrow lymphocytes were stained with 0.2 μg Purified Anti-Mouse/Rat CD29 Antibody[HMβ1-1] (Right) and 0.2 μg Armenian Hamster IgG, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Armenian Hamster IgG Secondary Antibody, then anti-Rat CD19 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

CD29 is a 130 kDa protein, also known as integrin β1, VLA-β chain, or GPIIa. It is a member of the integrin family, expressed broadly on leukocytes, endothelial cells, smooth muscle, and epithelial cells. In association with CD49a-f, CD29 forms the VLA-1 through VLA-6 complexes, respectively. It plays an important role in cell-cell or cell-matrix interaction.

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