

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

catalog number: E-AB-F13090

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

### Description

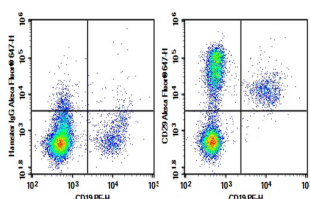
<b>Reactivity</b>	Mouse/Rat
<b>Immunogen</b>	Recombinant Mouse CD29 protein
<b>Host</b>	Armenian hamster
<b>Isotype</b>	Armenian hamster IgG
<b>Clone</b>	HMβ1-1
<b>Purification</b>	>98%, Protein A/G purified
<b>Conjugation</b>	None (AF/LE)
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method

### Applications

### Recommended Dilution

<b>FCM</b>	2 µg/mL ( $1 \times 10^5$ - $5 \times 10^5$ cells)
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### Data



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

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
<b>Shipping</b>	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.

### For Research Use Only