# Purified Anti-Mouse CD49b/pan-NK cells Antibody

**catalog number:** **E-AB-F1116A**

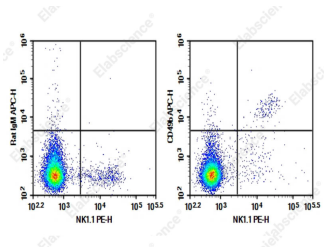
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

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|---|---|
| **Reactivity** | Mouse |
| **Immunogen** | Recombinant Mouse CD49b protein |
| **Host** | Rat |
| **Isotype** | Rat IgM, κ |
| **Clone** | DX5 |
| **Purification** | >98%, Protein A/G purified |
| **Conjugation** | Unconjugated |
| **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



C57/BL6 Mouse splenocytes were stained with 0.2 μg Purified Anti-Mouse D49b/pan-NK cells Antibody[DX5] (Right) and 0.2 μg 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

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|---|---|
| **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 alpha-2/beta-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 alpha-2 die very early in embryogenesis.


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