

Datasheet

Itga2 monoclonal antibody, clone DX5 (PE)

Catalog Number: MAB5782

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against Itga2.

Clone Name: DX5

Immunogen: RIL-2-propagated NK1.1+ cells from C57BL/6 mice.

Host: Rat

Reactivity: Mouse

Applications: Flow Cyt

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Mouse CD49b, Mr 160-KDa. The DX5 antibody is not suitable for immunohistochemical staining of either frozen or paraffin sections.

Form: Liquid

Conjugation: PE

Isotype: IgM, kappa

Recommend Usage: Flow Cytometry (0.2 ug/10⁶ cells)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 16398

Gene Symbol: Itga2

Gene Alias: CD49B, DX5

References:

1. Cutting edge: the mouse NK cell-associated antigen recognized by DX5 monoclonal antibody is CD49b (alpha 2 integrin, very late antigen-2). Arase H, Saito T, Phillips JH, Lanier LL. J Immunol. 2001 Aug 1;167(3):1141-4.
2. Inhibition of gamma delta T cell development and early thymocyte maturation in IL-7 -/- mice. Moore TA, von Freeden-Jeffry U, Murray R, Zlotnik A. J Immunol. 1996 Sep 15;157(6):2366-73.