

## Datasheet

### Itga2 monoclonal antibody, clone DX5 (FITC)

**Catalog Number:** MAB5780

**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:** FITC

**Isotype:** IgM, kappa

**Recommend Usage:** Flow Cytometry (1 ug/10<sup>6</sup> 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.