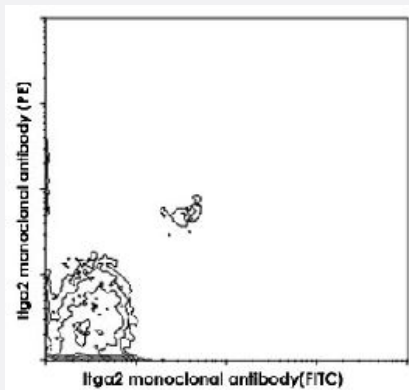


Itga2 monoclonal antibody, clone DX5 (Biotin)

Catalog # MAB5781

Size 500 ug

Applications



Flow Cytometry

Splenocytes from a C57BL/6 SCID mouse were double-stained with Itga2 monoclonal antibody, clone DX5 (FITC) (Cat # MAB5780) and Itga2 monoclonal antibody, clone DX5 (PE) (Cat # MAB5782). Lymphocytes were gated using light scatter criteria and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Rat monoclonal antibody raised against Itga2.
Immunogen	RIL-2-propagated NK1.1+ cells from C57BL/6 mice.
Host	Rat
Reactivity	Mouse
Specificity	Mouse CD49b, Mr 160-KDa. The DX5 antibody is not suitable for immunohistochemical staining of either frozen or paraffin sections.
Form	Liquid
Conjugation	Biotin
Isotype	IgM, kappa
Recommend Usage	Flow Cytometry (1 ug/10 ⁶ 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.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Splenocytes from a C57BL/6 SCID mouse were double-stained with Itga2 monoclonal antibody, clone DX5 (FITC) (Cat # MAB5780) and Itga2 monoclonal antibody, clone DX5 (PE) (Cat # MAB5782). Lymphocytes were gated using light scatter criteria and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Gene Info — Itga2

Entrez GeneID[16398](#)**Gene Name**

Itga2

Gene Alias

CD49B, DX5

Gene Description

integrin alpha 2

Gene Ontology[Hyperlink](#)**Gene Summary**

alpha 2 subunit

Other Designations

VLA-2 receptor, alpha 2 subunit

Publication Reference

- [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.

Journal of Immunology 2001 Aug; 167(3):1141.

Application: Flow Cyt, Mouse , Mouse NK cells

- [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.

Journal of Immunology 1996 Sep; 157(6):2366.

Application: Flow Cyt, Mouse, Nature killer cells