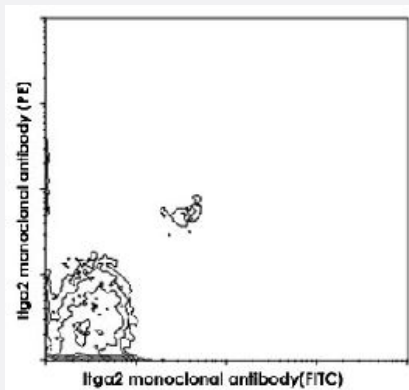


Itga2 monoclonal antibody, clone DX5 (APC)

Catalog # MAB5783 Size 100 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	APC
Isotype	IgM, kappa
Recommend Usage	Flow Cytometry (0.2 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
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Gene Name	Itga2
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Gene Alias	CD49B, DX5
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Gene Description	integrin alpha 2
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Gene Ontology	Hyperlink
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Gene Summary	alpha 2 subunit
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Other Designations	VLA-2 receptor, alpha 2 subunit
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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