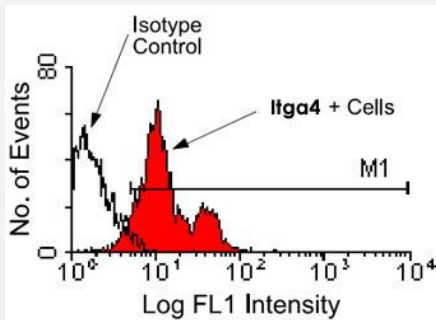


Itga4 monoclonal antibody, clone PS/2 (Biotin)

Catalog # MAB6098 Size 500 ug

Applications



Flow Cytometry

Cells from BALB/c bone marrow were stained with Itga4 monoclonal antibody, clone PS/2 (FITC) (Cat # MAB6097), following which lymphocytes were gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Rat monoclonal antibody raised against native Itga4.
Immunogen	Native purified from P815 mastocytoma cells.
Host	Rat
Reactivity	Mouse
Specificity	Specificity CD49d, the alpha4 chain (100 KDa) of the VLA-4 integrin heterodimer (Mr 150-KDa)
Form	Liquid
Conjugation	Biotin
Isotype	IgG2b, kappa
Recommend Usage	Flow Cytometry (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

- Immunohistochemistry
- Flow Cytometry

Cells from BALB/c bone marrow were stained with Itga4 monoclonal antibody, clone PS/2 (FITC) (Cat # MAB6097), following which lymphocytes were gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Gene Info — Itga4

Entrez GeneID[16401](#)**Gene Name**

Itga4

Gene Alias

CD49D

Gene Description

integrin alpha 4

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

alpha 4 subunit

Other Designations

OTTMUSP00000014305|VLA-4 receptor, alpha 4 subunit

Publication Reference

- [Alpha 4 integrin directs virus-activated CD8+ T cells to sites of infection.](#)

Christensen JP, Andersson EC, Scheynius A, Marker O, Thomsen AR.

Journal of Immunology 1995 May; 154(10):5293.

Application: Flow Cyt, Mouse , Mouse spleen cells

- [Expression of murine VCAM-1 in vitro and in different models of inflammation in vivo: correlation with immigration of monocytes.](#)

Henseleit U, Steinbrink K, Sunderkotter C, Goebeler M, Roth J, Sorg C.

Experimental Dermatology 1994 Dec; 3(6):249.

- [Decreased adhesion to endothelial cells and matrix proteins of H-2Kb gene transfected tumour cells.](#)

Lauri D, De Giovanni C, Biondelli T, Lalli E, Landuzzi L, Facchini A, Nicoletti G, Nanni P, Dejana E, Lollini PL.

British Journal of Cancer 1993 Nov; 68(5):862.