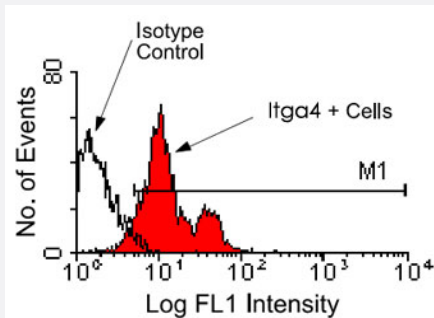


Itga4 monoclonal antibody, clone PS/2

Catalog # MAB5603 Size 500 ug

Applications



Flow Cytometry

Cells from BALB/c bone marrow were stained with Itga4 monoclonal antibody-FITC, 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 Itga4 from P815 mastocytoma cells.
Host	Rat
Reactivity	Mouse
Specificity	CD49d, the alpha4 chain (100 KDa) of the VLA-4 integrin heterodimer (Mr 150-KDa).
Form	Liquid
Isotype	IgG2b
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

Applications

- Immunohistochemistry
- Immunoprecipitation
- Flow Cytometry

Cells from BALB/c bone marrow were stained with Itga4 monoclonal antibody-FITC, 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, Func, 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.

- [Evidence for a role of the integrin VLA-4 in lympho-hemopoiesis.](#)

Miyake K, Weissman IL, Greenberger JS, Kincade PW.

The Journal of Experimental Medicine 1991 Mar; 173(3):599.

Application: Flow Cyt, IP, Mouse, 7OZ/3, B815, BM-2, WEHI231 cells