

Datasheet

Itga4 monoclonal antibody, clone PS/2 (PE)

Catalog Number: MAB6099

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against native Itga4.

Clone Name: PS/2

Immunogen: Native purified from P815 mastocytoma cells.

Host: Rat

Reactivity: Mouse

Applications: Flow Cyt, IHC

(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: Specificity CD49d, the alpha4 chain (100 KDa) of the VLA-4 integrin heterodimer (Mr 150-KDa)

Form: Liquid

Conjugation: PE

Isotype: IgG2b, kappa

Recommend Usage: Flow Cytometry (0.2 ug/10⁶ 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: 16401

Gene Symbol: Itga4

Gene Alias: CD49D

References:

1. Alpha 4 integrin directs virus-activated CD8+ T cells to sites of infection. Christensen JP, Andersson EC, Scheynius A, Marker O, Thomsen AR. *J Immunol.* 1995 May 15;154(10):5293-301.
2. 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. *Exp Dermatol.* 1994 Dec;3(6):249-56.
3. 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. *Br J Cancer.* 1993 Nov;68(5):862-7.