

Datasheet

Lpam-1 monoclonal antibody, clone DATK32 (PE)

Catalog Number: MAB5797

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against native Lpam-1.

Clone Name: DATK32

Immunogen: Native purified Lpam-1 from AKR/Cum mouse spontaneous T lymphoma cell line TK1.

Host: Rat

Reactivity: Mouse

Applications: Flow Cyt, IHC-Fr
(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: Mouse LPAM-1 (Integrin alpha4beta7).

Form: Liquid

Conjugation: PE

Isotype: IgG2a, kappa

Recommend Usage: Flow Cytometry (0.1 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|16421

Gene Symbol: Itga4

Gene Alias: CD49D

References:

1. Distribution of alpha 4 beta 7 and alpha E beta 7 integrins on thymocytes, intestinal epithelial lymphocytes and peripheral lymphocytes. Andrew DP, Rott LS, Kilshaw PJ, Butcher EC. Eur J Immunol. 1996 Apr;26(4):897-905.
2. Distinct but overlapping epitopes are involved in alpha 4 beta 7-mediated adhesion to vascular cell adhesion molecule-1, mucosal addressin-1, fibronectin, and lymphocyte aggregation. Andrew DP, Berlin C, Honda S, Yoshino T, Hamann A, Holzmann B, Kilshaw PJ, Butcher EC. J Immunol. 1994 Nov 1;153(9):3847-61.
3. Role of alpha 4-integrins in lymphocyte homing to mucosal tissues in vivo. Hamann A, Andrew DP, Jablonski-Westrich D, Holzmann B, Butcher EC. J Immunol. 1994 Apr 1;152(7):3282-93.