Anticorps Monoclonal anti-CD103

Numéro de catalogue: FITC-65047

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Informations de base

Numéro de catalogue:
FITC-65047

Taille:
500ug , 0.5 mg/ml

Hôte:
Hamster

Isotype:
IgG

Numéro d'acquisition GenBank:
BC150690

Identification du gène (NCBI):
16407

Nom complet:
integrin alpha E, epithelial-associated

Méthode de purification:
Purification par affinité

CloneNo.:
2E7

Excitation/Emission maxima wavelengths:
494 nm / 520 nm

Applications

Applications testées:
FC

Spécificité de l'espèce:
souris

Informations générales

CD103, also known as integrin alpha-E (ITGAE) or integrin alpha-IEL, is a type I transmembrane integrin protein that binds integrin beta 7 to form Integrin alpha-E beta-7 which is a receptor for E-cadherin and mediates adhesion of T lymphocytes to epithelial cells (PMID: 7969453; 8468482). CD103 is expressed on intraepithelial lymphocyte (IEL) T cells (both alpha/beta T cells and gamma/delta T cells), some peripheral regulatory T cells (Tregs), lamina propria T cells, and a subset of dendritic cells in the gut mucosa and mesenteric lymph nodes (PMID: 12242333; 15608520; 16216890).

Stockage

Stockage:
Stocker à une température comprise entre 2 ℃ et 8 ℃. Éviter toute exposition à la lumière.
Tampon de stockage:
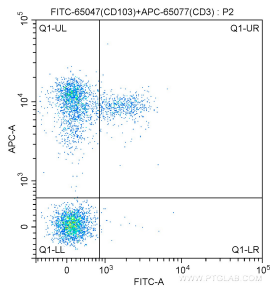PBS avec azoture de sodium à 0,1 %.

Données de validation sélectionnées

1X10^6 C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 (APC-65077, Clone: 17A2) and 1.00 ug FITC Anti-Mouse CD103 (FITC-65047, Clone: 2E7). Cells were not fixed.
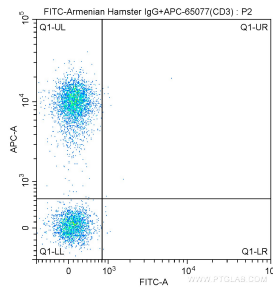
1X10^6 C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 (APC-65077, Clone: 17A2) and 1.00 ug FITC-Armenian Hamster IgG isotype control antibody. Cells were not fixed.