

FITC Rabbit anti-Human CD103/Integrin α E mAb

Catalog No.: A28660

Basic Information

Observed MW

Calculated MW

130 kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC81090

Conjugate

FITC. Ex:491nm. Em:516nm.

Background

Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes an I-domain-containing alpha integrin that undergoes post-translational cleavage in the extracellular domain, yielding disulfide-linked heavy and light chains. In combination with the beta 7 integrin, this protein forms the E-cadherin binding integrin known as the human mucosal lymphocyte-1 antigen. This protein is preferentially expressed in human intestinal intraepithelial lymphocytes (IEL), and in addition to a role in adhesion, it may serve as an accessory molecule for IEL activation.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Immunogen Information

Gene ID

3682

Swiss Prot

P38570

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CD103; HUMINAE

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

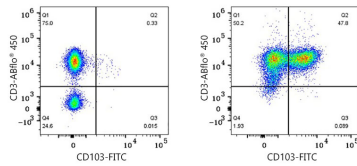
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 Human PBMC (untreated, left) and Human PBMC (treated with 5 ug/ml PMA for 3 days, right) were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177, 5 µl/Test) or FITC Rabbit anti-Human CD103/Integrin αE mAb (A28660, 5 µl/Test). Cells in the lymphocyte gate were used for analysis.