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FITC Rabbit anti-Human CD103/Integrin αE 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 µl per 10^6 cells in 100 µl 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

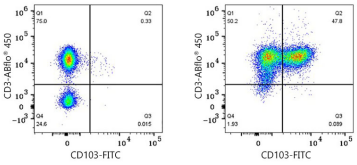
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 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.

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