

AF/LE Purified Anti-Mouse CD103 Antibody[M290]

catalog number: E-AB-F10900

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

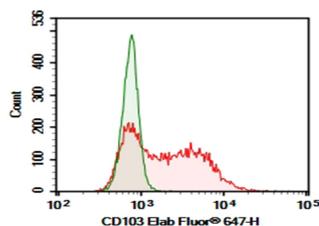
Reactivity	Mouse
Immunogen	Recombinant Mouse CD103 protein
Host	Rat
Isotype	Rat IgG1, κ
Clone	M290
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

Recommended Dilution

FCM	2 µg/mL(0.5×10 ⁶ -1×10 ⁶ cells)
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Data



Verified Samples in FCM: HEK293T cells transfected with pcDNA3.1 plasmid encoding Mouse CD103 gene

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

Background

CD103 is the alpha E integrin, which forms a heterodimer with integrin beta 7. The heterodimer complex binds to E-cadherin. It is expressed in on T cells, notably in subpopulations in the lamina propria, on regulatory T cells, or resident memory T cells, and a subset of dendritic cells in gut mucosa. CD103 is thought to be involved with homing to intestinal epithelial sites and has been associated with high levels of TGF-beta presence.

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