

## Purified Anti-Mouse CD103 Antibody[M290]

catalog number: E-AB-F1090A

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

### Description

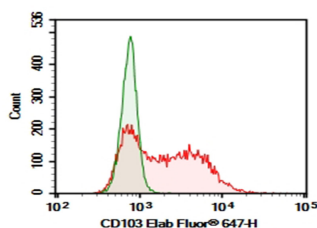
<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse CD103 protein
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, κ
<b>Clone</b>	M290
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

<b>FCM</b>	2 µg/mL (0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)
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### Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Mouse CD103 gene were stained with 0.2 µg AF/LE Purified Anti-Mouse CD103 Antibody[M290] (Right) and 0.2 µg Rat IgG1, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	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.

### For Research Use Only