

**43-1066: Monoclonal Antibody to Mouse CD103 (Integrin alpha E) NALE™ Purified (Clone: 2E7)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	2E7
<b>Application :</b>	FACS
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Itgae
<b>Gene ID :</b>	16407
<b>Uniprot ID :</b>	Q60677
<b>Alternative Name :</b>	Integrin alpha M290, Integrin alpha-E
<b>Isotype :</b>	Armenian Hamster IgG

**Description**

The 2E7 monoclonal antibody specifically reacts with mouse CD103, a type I transmembrane glycoprotein in the integrin family that bind to E-cadherin. CD103 is expressed on intraepithelial lymphocyte T cells, peripheral regulatory T cells, lamina propria T cells, and a subset of dendritic cells. It is reported to be involved in T cell homing and immune system regulation.

**Product Info**

<b>Amount :</b>	100 µg
<b>Content :</b>	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
<b>Storage condition :</b>	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography.

**Application Note**

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.