

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

Clonality :	Monoclonal
Clone Name :	2E7
Application :	FACS
Reactivity :	Mouse
Gene :	Itgae
Gene ID :	16407
Uniprot ID :	Q60677
Alternative Name :	Integrin alpha M290, Integrin alpha-E
Isotype :	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

Amount :	100 µg
Content :	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
Storage condition :	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.