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30-1476: Anti-CD103 / Integrin alpha E Monoclonal Antibody (Clone:Ber-ACT8)

Clonality :	Monoclonal
Clone Name :	Ber-ACT8
Application :	FACS, IP, WB, IHC-Fr
Reactivity :	Human, Non-Human Primates
Gene :	ITGAE
Gene ID :	3682
Uniprot ID :	P38570
Format :	Purified
Alternative Name :	ITGAE
Isotype :	Mouse IgG1
Immunogen Information :	HTLV-1 induced human T cell line MAPS16

Description

CD103 / Integrin alphaE is an integrin subunit that is expressed on intraepithelial lymphocytes, epithelial dendritic cells, lamina propria-derived dendritic cells, a subpopulation of lamina propria T cells, a small subset of peripheral lymphocytes, namely T reg cells, and on activated and TGF-beta stimulated lymphocytes. CD103 is in mature form cleaved into two disulfide-linked chains (C-terminal 150 kDa chain and N-terminal 25 kDa chain). It heterodimerizes with integrin beta7 subunit to form alphaE/beta7 integrin (mucosal lymphocyte 1 antigen), which through binding E-cadherin mediates homing of lymphocytes to the intestinal epithelium, and, in addition to the role in adhesion, may serve as an accessory molecule for intraepithelial lymphocyte activation.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.