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## Product Datasheet

### **CD103 / Integrin alpha E (T-Cell Lymphoma & Hairy Cell Leukemia Marker) (ITGAE/2474), CF647 conjugate, 0.1mg/mL, Clone: [ITGAE/2474], Mouse, Monoclonal BOT-BNC472474-500**

Article Name	CD103 / Integrin alpha E (T-Cell Lymphoma & Hairy Cell Leukemia Marker) (ITGAE/2474), CF647 conjugate, 0.1mg/mL, Clone: [ITGAE/2474], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC472474-500
Supplier Catalog Number	BNC472474-500
Alternative Catalog Number	BOT-BNC472474-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant human ITGAE protein fragment (exact sequence is proprietary)
Conjugation	CF647
Product Description	CD103 is alpha E integrin, belonging to a small beta-7 integrin subfamily. It is primarily expressed in intraepithelial lymphocytes. Together with beta 7 integrin, it is the cell surface receptor for E-cadherin, where it mediates cell adhesion. CD103...
Clonality	Monoclonal
Concentration	0.1 mg/mL

Clone Designation	[ITGAE/2474]
Molecular Weight	150 kDa
UniProt	<a href="#">P38570</a>
Buffer	PBS, 0.1% BSA, 0.05% azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistology (formalin): 1-2 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user