CD Creative Diagnostics®

Anti-ITGAE monoclonal antibody, clone LF61 [R-PE/Cy5®] (CABT-49613MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD103 antibody, clone LF61 recognizes the human CD103 cell surface antigen, a glycoprotein expressed by approximately 1% of peripheral blood lymphocytes, activated T lymphocytes and by hairy cell leukaemia cells. The antigen is also expressed by intraepithelial lymphocytes. It has recently been shown to be identical to the alpha E integrin. Flow Cytometry Use 5ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	ITGAE
Immunogen	Hairy cell leukaemia cells.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	LF61
Conjugate	PE/Cy5
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin - Cy5 (RPE-Cy5) - liquid
Size	500 µl
Preservative	0.1% Sodium Azide
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	ITGAE integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide) [Homo sapiens (human)]
Official Symbol	ITGAE
Synonyms	ITGAE; integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide); CD103; HUMINAE; integrin alpha-E; HML-1 antigen; integrin alpha-IEL; mucosal lymphocyte 1 antigen; antigen CD103, human mucosal lymphocyte antigen 1; alpha po
Entrez Gene ID	3682
Protein Refseq	NP_002199
UniProt ID	P38570
Chromosome Location	17p13
Pathway	E-cadherin signaling in the nascent adherens junction; Extracellular matrix organization; Focal Adhesion; Integrin cell surface interactions; Integrin-mediated cell adhesion; Regulation of actin cytoskeleton;
Function	metal ion binding;