

## Product datasheet for **SM1800PS**

### Integrin alpha E (ITGAE) Mouse Monoclonal Antibody [Clone ID: LF61]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	LF61
Applications:	FC, IHC, IP
Recommended Dilution:	<b>Flow cytometry.</b> <b>Immunoprecipitation.</b> <b>Immunohistochemistry on Frozen Sections:</b> The epitope recognized by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. We recommend the use of acetone fixation for frozen sections. Not suitable on Paraffin Embedded Sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Hairy cell leukaemia cells
Specificity:	This antibody recognizes the Human CD103 cell surface antigen. Other species not tested.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction from tissue culture supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Stable undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin subunit alpha E



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**Database Link:** [Entrez Gene 3682 Human P38570](#)

**Background:** CD103 is 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.

**Synonyms:** Integrin alpha-E, Integrin alpha-IEL, HML-1 antigen, ITGAE