

Product datasheet for **TA353258**

Integrin alpha E (ITGAE) Mouse Monoclonal Antibody [Clone ID: BP6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BP6
Recommended Dilution:	IHC ; IP
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Hairy cell spleen lysate
Formulation:	PBS with 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	integrin subunit alpha E
Database Link:	NP_002199 Entrez Gene 3682 Human P38570

Background: Integrins are heterodimeric cell surface receptors composed of alpha and beta subunits, which mediate cell-cell and cell-extracellular matrix attachments. Aberrant integrin expression has been found in many epithelial tumours. Changes in integrin expression have been shown to be important for the growth and early metastatic capacity of melanoma cells. Integrin alpha E/beta7 (aE/b7) is a heterodimer comprising a 150kDa alpha E chain and a 120kDa beta 7 chain. The expression of Integrin aE/b7 defines a developmentally important subset of T cells, namely mucosal T cells including all intraepithelial lymphocytes and ~20% of lamina propria T cells. Integrin aE/b7 is also a selective marker for intestinal intra-epithelial T-cells. BP6 may be used in the diagnosis of enteropathy-associated lymphoma and hairy cell leukaemia.



[View online »](#)

Synonyms: CD103; HUMINAE

Note: Please note this cell line has not been weaned out of HAT. Ultrosor G can be used at 1% if the cells are not growing well.

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Regulation of actin cytoskeleton