

Integrin alphaE Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10425
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Integrin alphaE. AA range:131-180
Mol wt	130089
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Integrin alpha-E
Synonyms	Integrin alpha-E; ITGAE; Integrin alpha-E; HML-1 antigen; Integrin alpha-IEL; Mucosal lymphocyte 1 antigen; CD antigen CD103

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes an I-domain-containing alpha integrin that undergoes post-translational cleavage in the extracellular domain, yielding disulfide-linked heavy and light chains. In combination with the beta 7 integrin, this protein forms the E-cadherin binding integrin known as the human mucosal lymphocyte-1 antigen. This protein is preferentially expressed in human intestinal intraepithelial lymphocytes (IEL), and in addition to a role in adhesion, it may serve as an accessory molecule for IEL activation.

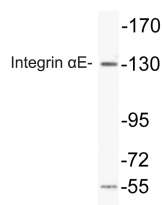
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of lysate from HepG2 cells, using Integrin α E antibody.

Storage

-20°C for 1 year