

Datasheet for ABIN6142574
anti-CD103 antibody (AA 19-200)



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1 Image

Overview

Quantity:	100 µL
Target:	CD103 (ITGAE)
Binding Specificity:	AA 19-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD103 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 19-200 of human ITGAE (NP_002199.3).
Sequence:	FNVDVARPWL TPKGGAPFVL SLLHQDPST NQTWLLVTSP RTKRTPGPLH RCLVQDEIL CHPVEHVPIIP KGRHRGVTVV RSHHGVLICI QVLVRRPHSL SSELGTGCSL LGPDLRPQAQ ANFFDLENLL DPDARVDTGD CYSNKEGGGE DDVNTARQRR ALEKEEEEDK EEEEEEEEE AG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	CD103 (ITGAE)
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Target Details

Alternative Name:	ITGAE (ITGAE Products)
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.,ITGAE,CD103,HUMINAE,Signal Transduction,PI3K-Akt Signaling Pathway,MAPK-Erk Signaling Pathway,Cell Biology & Developmental Biology,Cell Adhesion,Cytoskeleton,Immunology & Inflammation,CD markers,Stem Cells,Hematopoietic Progenitors,ITGAE

Molecular Weight: 130 kDa

Gene ID: 3682

UniProt: [P38570](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

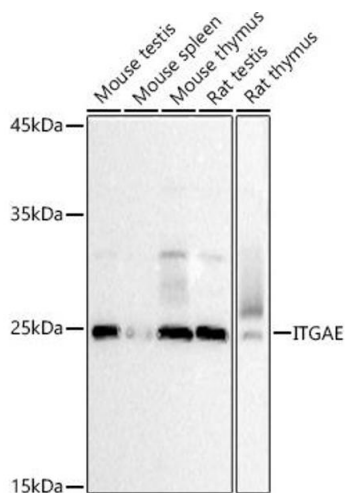
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ITGAE antibody (ABIN6132243, ABIN6142574, ABIN6142575 and ABIN6225261) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.