

Datasheet for ABIN7091272 **anti-CD103 antibody**

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Overview

Quantity:	100 µL
Target:	CD103 (ITGAE)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD103 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ITGAE/CD103
Clone:	C4G1
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	CD103 (ITGAE)
Alternative Name:	ITGAE/CD103 (ITGAE Products)
Background:	Synonyms: alpha-E1, alpha-M290, aM290, Antigen CD103, CD 103, CD103, CD103 antigen, HML 1 antigen, HML1 antigen, Human mucosal lymphocyte antigen 1, Human mucosal lymphocyte

Target Details

antigen 1, alpha subunit, Huminae, Integrin alpha E heavy chain, Integrin alpha E light chain, Integrin alpha E, epithelial-associated, Integrin alpha E1, Integrin alpha IEL, Integrin alpha M290, Integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1, alpha polypeptide), Integrin, alpha E, ITGAE, MGC141996, MGC183601, Mucosal lymphocyte 1 antigen, Mucosal lymphocyte antigen 1,

Background: Integrins are heterodimers composed of noncovalently associated transmembrane a and b subunits. The 16 a and 8 b subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, Collagen and Vitronectin. Certain integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors, both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis

Gene ID: 3682

UniProt: [P38570](#)

Application Details

Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months