

Rabbit anti-Human Integrin alphaE Polyclonal Antibody | anti-ITGAE antibody

Integrin alphaE Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321832	Rabbit	Human	Immunocytochemistry, Immunofluorescence, ELISA, Western Blot

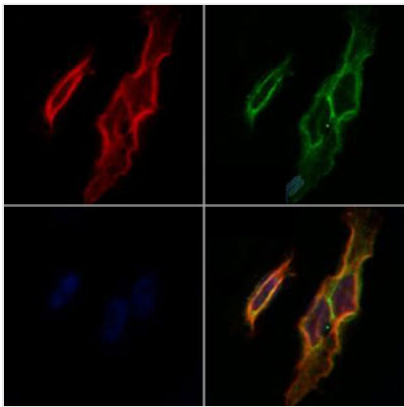
PRODUCT SYNONYMS

Integrin alphaE; Polyclonal Antibody; Integrin alphaE Antibody; A530055J10; alpha-E1; alpha-M290; aM290; Antigen CD103; CD 103; CD103; CD103 antigen; HML 1 antigen; HML-1 antigen; HML1 antigen; Human mucosal lymphocyte 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 heavy chain; Integrin alpha-IEL; Integrin; alpha E (antigen CD103; human mucosal lymphocyte antigen 1; alpha polypeptide); alpha E; ITAE_HUMAN; Itgae; MGC141996; MGC183601; Mucosal lymphocyte 1 antigen; Mucosal lymphocyte antigen 1; anti-ITGAE antibody

PRODUCT SPECIFICATIONS

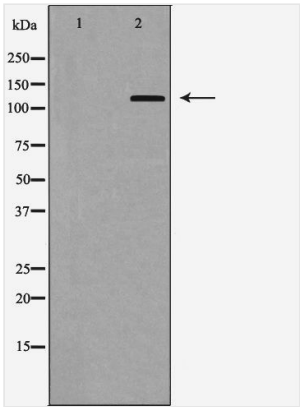
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Integrin alphaE antibody detects endogenous levels of total Integrin alphaE
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1179
Applicable Applications for anti-ITGAE antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human Integrin alphaE corresponding to a region within N-terminal amino acids
Similarity	The integrin I-domain is a VWFA domain.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321832 staining HeLa by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA321832 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue)



WB (Western Blot)

Western blot analysis of extracts from 3T3, using Integrin alpha E Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGAE antibody	Description: Heterodimer of an alpha and a beta subunit. The alpha subunit is composed of a heavy and a light chains linked by a disulfide bond. Alpha-E associates with beta-7. Function: Integrin alpha-E/beta-7 is a receptor for E-cadherin. It mediates adhesion of intra-epithelial T-lymphocytes to epithelial cell monolayers. Subunit Structure: Heterodimer of an alpha and a beta subunit. The alpha subunit is composed of a heavy and a light chains linked by a disulfide bond. Alpha-E associates with beta-7. Similarity: The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage. Belongs to the integrin alpha chain family.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	148728188
NCBI GeneID	3682
NCBI Accession #	NP_002199.3
NCBI GenBank Nucleotide #	NM_002208.4
UniProt Accession #	P38570; Q17RS6; Q9NZU9
Molecular Weight	Observed: 130 kDa Predicted: 131 kDa
NCBI Official Full Name	integrin alpha-E
NCBI Official Synonym Full Names	integrin subunit alpha E
NCBI Official Symbol	ITGAE
NCBI Official Synonym Symbols	CD103; HUMINAE
NCBI Protein Information	integrin alpha-E
UniProt Protein Name	Integrin alpha-E
UniProt Gene Name	ITGAE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/integrin-alphae-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321832>