

Product datasheet for **TA321452**

CD11a (ITGAL) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 15-50 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm, Cell membrane
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 1158-1170 amino acids of Human integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	integrin subunit alpha L
Database Link:	NP_002200 Entrez Gene 3683 Human P20701



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Background:

ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1); which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands; ICAMs 1-3 (intercellular adhesion molecules 1 through 3); and also functions in lymphocyte costimulatory signaling. Two transcript variants encoding different isoforms have been found for this gene.?

Synonyms:

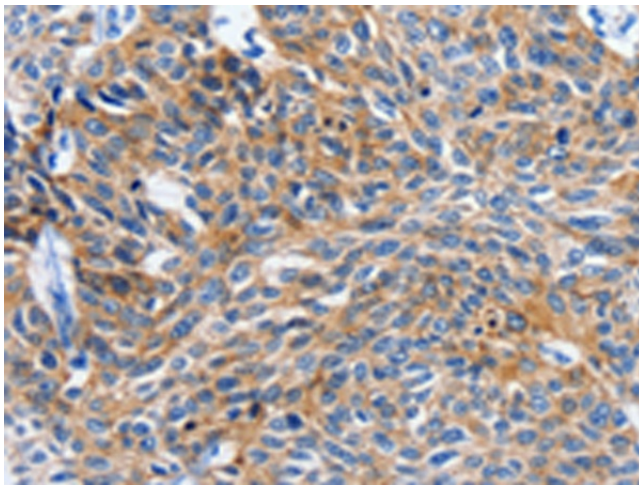
CD11A; LFA-1; LFA1A

Protein Families:

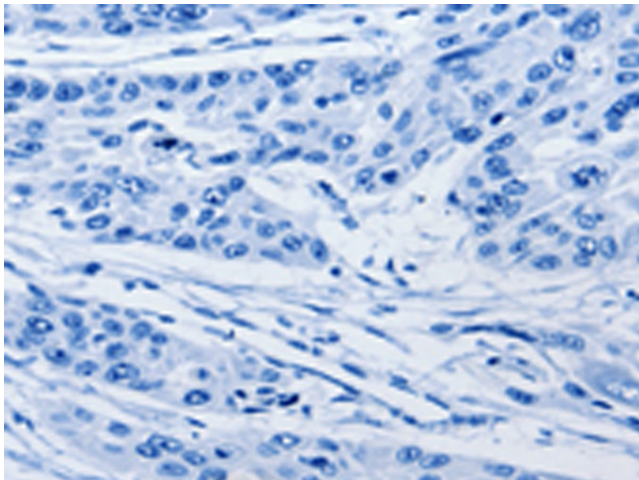
Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways:

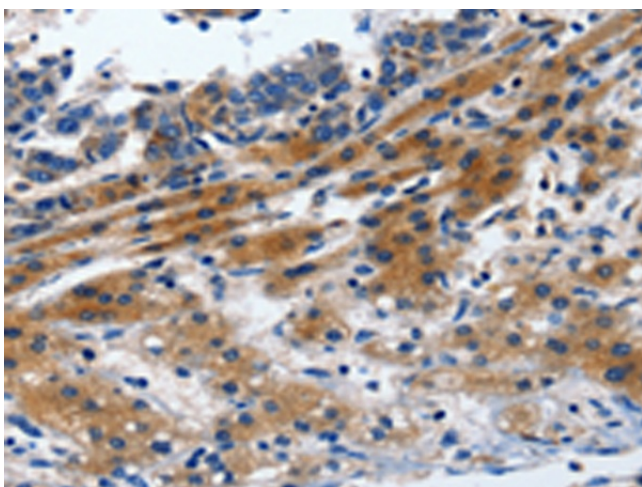
Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity, Regulation of actin cytoskeleton, Viral myocarditis

Product images:

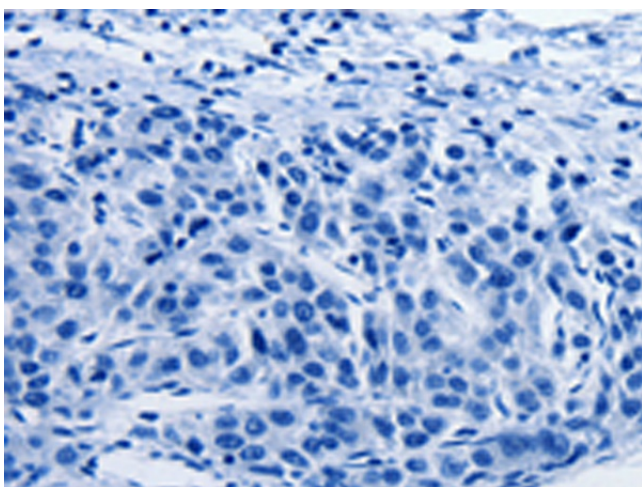
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321452 (ITGAL Antibody) at dilution 1/20 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321452 (ITGAL Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA321452 (ITGAL Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA321452 (ITGAL Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)