

## Rabbit ITGAL Polyclonal Antibody | anti-ITGAL antibody

ITGAL Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA168260</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

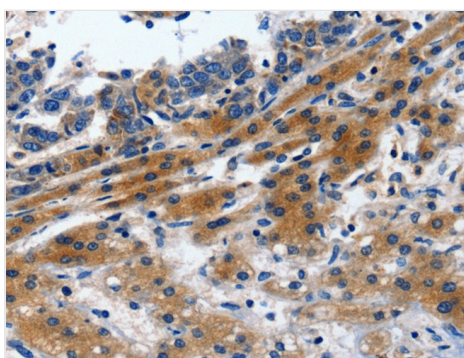
### PRODUCT SYNONYMS

ITGAL; Polyclonal Antibody; ITGAL Polyclonal Antibody; CD11A; LFA-1; LFA1A; anti-ITGAL antibody

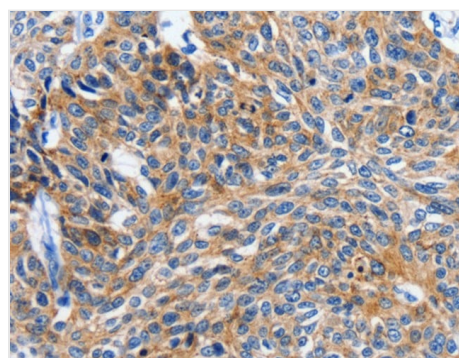
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 0.8mg/mL (varies by lot)                                                                  |
| Sequence Length                                 | 1086                                                                                      |
| Applicable Applications for anti-ITGAL antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                       | Synthetic peptide of human ITGAL                                                          |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ITGAL Polyclonal Antibody at dilution 1:20


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ITGAL Polyclonal Antibody at dilution 1:20

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ITGAL antibody | 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. |
| Product Categories/Family for anti-ITGAL antibody   | Stem Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 167466217                                                                                                                                                                                                                                                                                    |
| NCBI GeneID                      | 3683                                                                                                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_001107852.1                                                                                                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_001114380.1                                                                                                                                                                                                                                                                               |
| Molecular Weight                 | 119,224 Da                                                                                                                                                                                                                                                                                   |
| NCBI Official Full Name          | integrin alpha-L isoform b                                                                                                                                                                                                                                                                   |
| NCBI Official Synonym Full Names | integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)                                                                                                                                                                                        |
| NCBI Official Symbol             | ITGAL                                                                                                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | CD11A; LFA-1; LFA1A                                                                                                                                                                                                                                                                          |
| NCBI Protein Information         | integrin alpha-L; CD11 antigen-like family member A; LFA-1 alpha; LFA-1A; antigen CD11A (p180), lymphocyte function-associated antigen 1, alpha polypeptide; integrin gene promoter; leukocyte adhesion glycoprotein LFA-1 alpha chain; leukocyte function-associated molecule 1 alpha chain |
| UniProt Protein Name             | Integrin alpha-L                                                                                                                                                                                                                                                                             |
| UniProt Gene Name                | ITGAL                                                                                                                                                                                                                                                                                        |
| UniProt Synonym Gene Names       | CD11A; LFA-1A                                                                                                                                                                                                                                                                                |
| UniProt Entry Name               | ITAL_HUMAN                                                                                                                                                                                                                                                                                   |

**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.