

ITGAL RABBIT PAB

Cat.#: S213642

Product Name: Anti-ITGAL Rabbit Polyclonal Antibody

Synonyms: CD11A, LFA-1, LFA1A

UNIPROT ID: P20701 (Gene Accession - NP_002200)

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.

Immunogen: Synthetic peptide of human ITGAL

Applications: ELISA, IHC

Recommended Dilutions: IHC: 15-50; ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

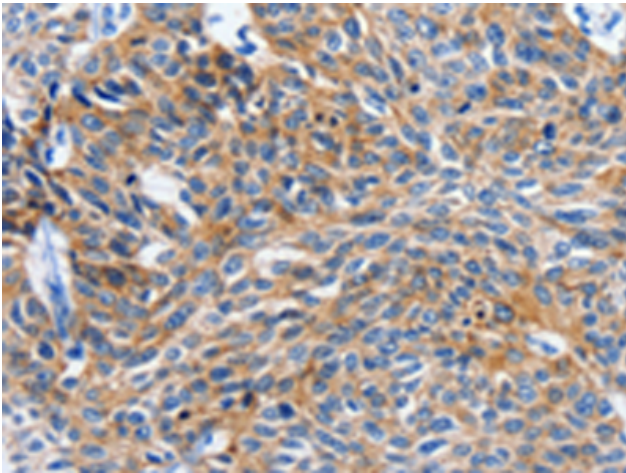
Purification: Antigen affinity purification

Species Reactivity: Human

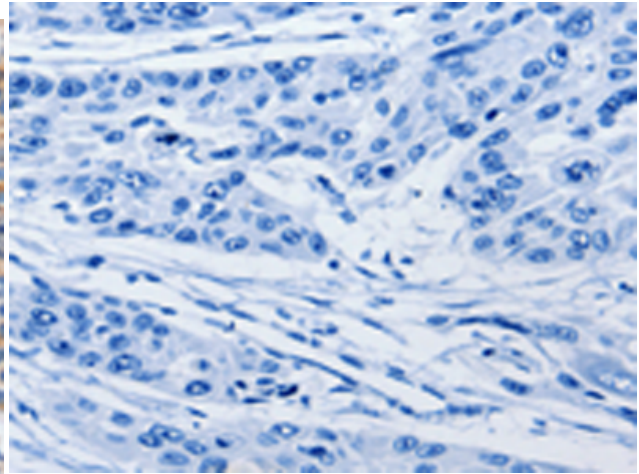
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Immunology, Stem Cells

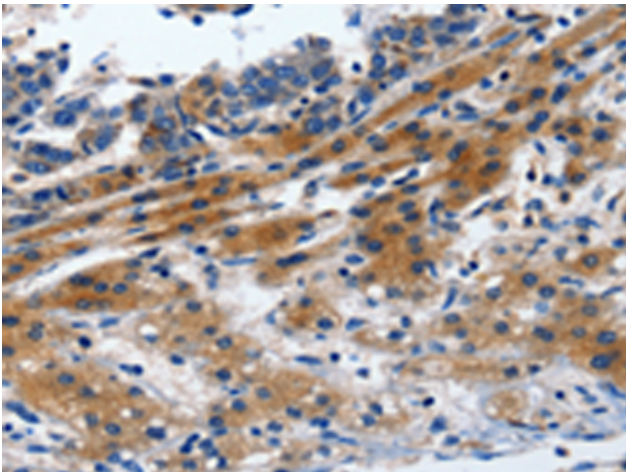
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



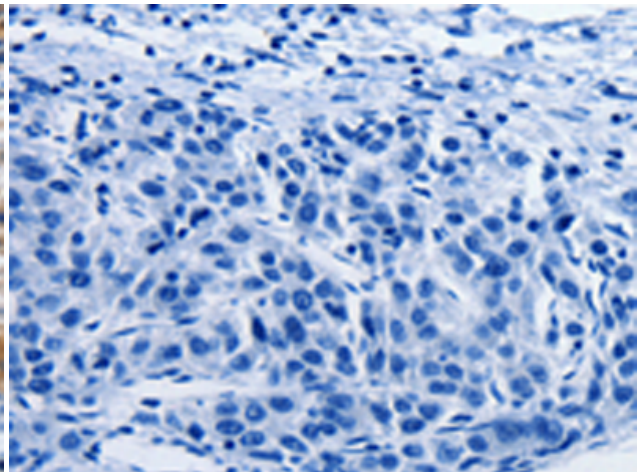
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 213642 (ITGAL Antibody) at a dilution of 1/20 (Cytoplasm, Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 213642 (Anti-ITGAL Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 213642 (Anti-ITGAL Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D160572 (Anti-ITGAL Antibody) at dilution 1/20.