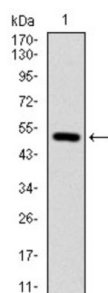
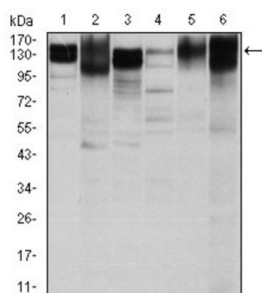


Integrin Beta 1 (ITGB1) Antibody

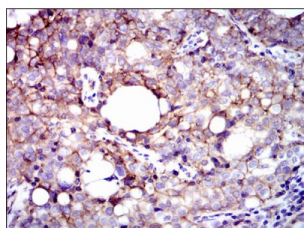
Catalogue No.: abx011001



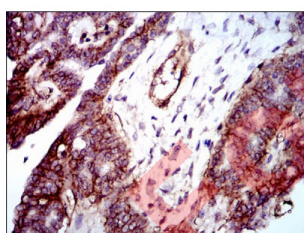
Western blot analysis using ITGB1 antibody against human ITGB1 (AA: 50-270) recombinant protein. (Expected MW is 50.6 kDa).



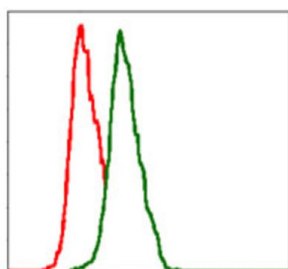
Western blot analysis using ITGB1 antibody against Hela (1), HepG2 (2), A549 (3), Jurkat (4), L1210 (5) and Cos7 (6) cell lysate.



Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using ITGB1 antibody with DAB staining.



Flow cytometric analysis of Hela cells using ITGB1 antibody (green) and negative control (red).

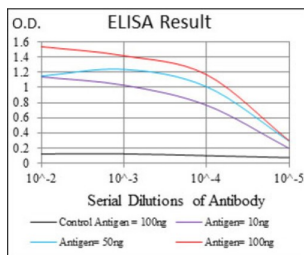


Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using ITGB1 antibody with DAB staining.

Datasheet

Version: 2.0.0

Revision date: 05 Jul 2025



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. The protein encoded by this gene is a beta subunit. Six alternatively spliced variants have been found for this gene which encode five proteins with alternate carboxy termini.

Target: Integrin Beta 1 (ITGB1)

Clonality: Monoclonal

Reactivity: Human, Monkey

Tested Applications: ELISA, WB, IHC, FCM

Host: Mouse

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human ITGB1 expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Purified from ascites by Protein G chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P05556 ([UniProt](#), [ExPASy](#))

GeneID: [3688](#)

KEGG: hsa:3688

Datasheet

Version: 2.0.0

Revision date: 05 Jul 2025



String: [9606.ENSPO0000379350](#)

Molecular Weight: 88.4 kDa

Buffer: PBS, containing 0.05% sodium azide.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only