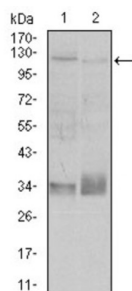
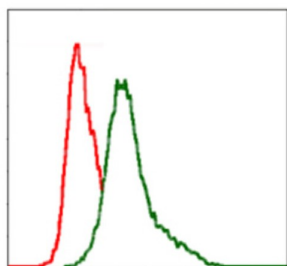


Integrin Beta 1 (ITGB1) Antibody

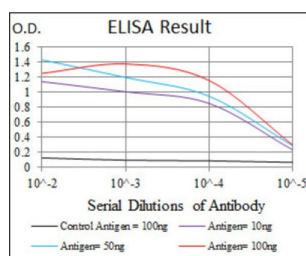
Catalogue No.: abx015899



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 A549 (1), and Jurkat (2) cell lysate.



Flow cytometric analysis of MCF-7 cells using ITGB antibody (green) and negative control (red).

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. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene.

Target: Integrin Beta 1 (ITGB1)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, WB, FCM

Host: Mouse

Datasheet

Version: 3.0.0
Revision date: 06 Sep 2025



Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, 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](#))

Gene Symbol: ITGB1

GeneID: [3688](#)

OMIM: [135630](#)

HGNC: 6153

KEGG: hsa:3688

Ensembl: ENSG00000150093

String: [9606.ENSP00000379350](#)

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.