

CD41/ITGA2B Monoclonal Antibody

CAB11490

Description

This CD41/ITGA2B Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB11490
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	GT, GT1, GTA, CD41, GP2B, HPA3, CD41B, GPIIb, BDPLT2, BDPLT16, PPP1R93, CD41/ITGA2B
Clone:	ARC0620
Applications:	WB IHC-P ELISA
Conjugation:	Unconjugated
Reactivity:	Human

Antibody Data

Gene ID:	3674
Uniprot:	AB_2861582
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	137kDa
Calculated MW:	113kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

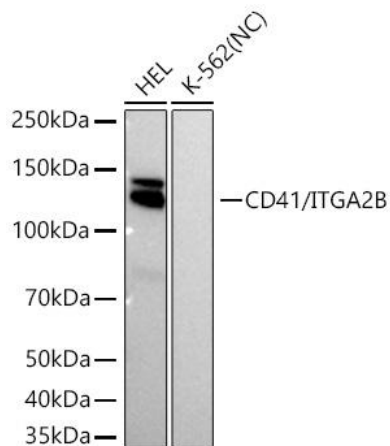
Positive Sample: HEL

Recommended Dilutions:

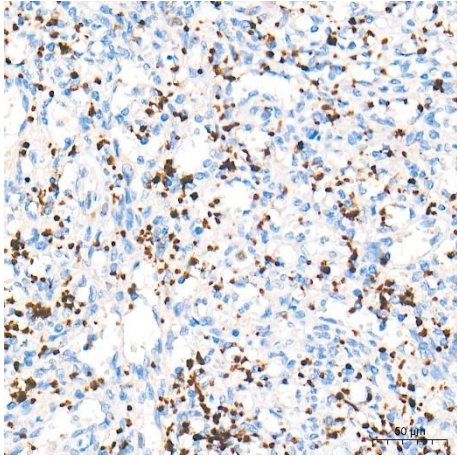
WB	1:1000 - 1:2000
IHC-P	1:100 - 1:800
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using /ITGA2B Rabbit mAb (CAB11490) at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Negative control (NC): K-562 Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using α ITGA2B Rabbit mAb (CAB11490) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.