

Catalog #: 50352

Aliases

Platelet glycoprotein Ib beta chain; GP-Ib beta; GPIb-beta; GPIbB; Antigen CD42b-beta; CD42c

Background

Gene Name: GP1BB

NCBI Gene Entry: [2812](#)

UniProt Entry: [P13224](#)

Application Information

Molecular Weight: Predicted, 21 kDa; observed, 22 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human CD42c

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

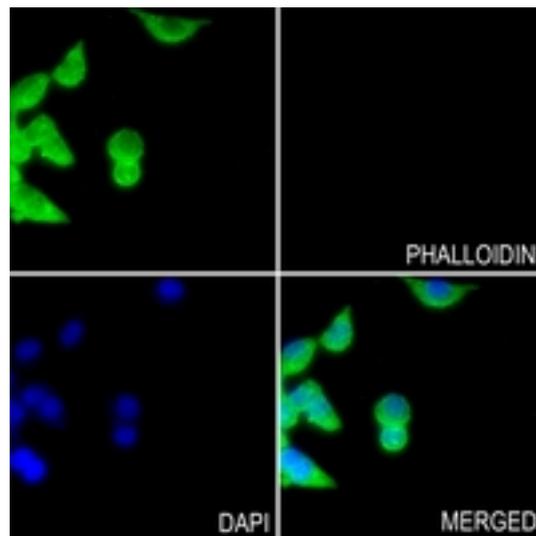
Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

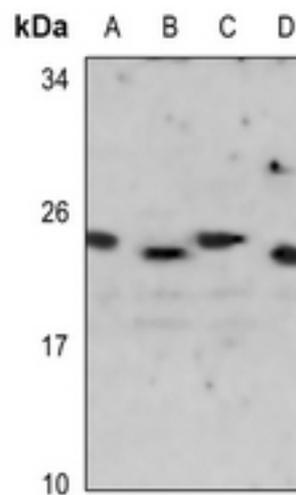
Immunocytochemistry (IC): 1:50-1:200

Note: This product is for research use only.

Validation Data



Immunocytochemical analysis of CD42c staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Western blotting analysis of CD42c expression in mouse testis (A), mouse heart (B), rat testis (C), rat heart (D) whole cell lysates.