

Anti-CD42c Antibody

Catalog # AP51819

Product Information

Application	WB, IF/IC
Primary Accession	P13224
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21718

Additional Information

Gene ID	2812
Other Names	Platelet glycoprotein Ib beta chain; GP-Ib beta; GPIb-beta; GPIbB; Antigen CD42b-beta; CD42c
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD42c. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

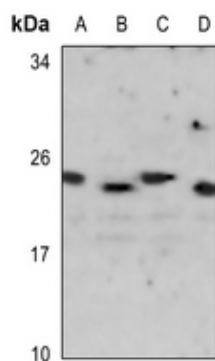
Name	GP1BB
Function	Gp-Ib, a surface membrane protein of platelets, participates in the formation of platelet plugs by binding to von Willebrand factor, which is already bound to the subendothelium.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed in heart and brain.

References

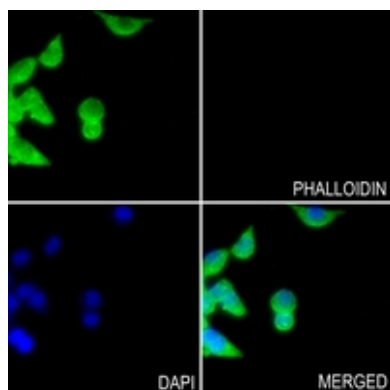
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Kelly M.D.,et al.J. Clin. Invest. 93:2417-2424(1994).

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Images



Western blot analysis of CD42c expression in mouse testis (A), mouse heart (B), rat testis (C), rat heart (D) whole cell lysates. (Predicted band size: 21 kD; Observed band size: 22 kD)



Immunofluorescent 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).

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