

# CD42b (h): 293T Lysate: sc-114145

## BACKGROUND

CD42a is a single-chain membrane glycoprotein that forms a noncovalent complex with CD42b. CD42b, also known as glycoprotein Ib  $\alpha$  (GPIb  $\alpha$ ) is a membrane glycoprotein that is composed of  $\alpha$  and  $\beta$  chains. The CD42b  $\beta$  chain is also designated CD42c and is expressed on platelets and megakaryocytes. CD42a and CD42b are also present on platelets and megakaryocytes, and the complex is a major component of the platelet surface. The complex acts as a receptor for von Willebrand's factor and as a von Willebrand's factor-dependent adhesion receptor.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: GP1BA (human) mapping to 17p13.2.

## PRODUCT

CD42b (h): 293T Lysate represents a lysate of human CD42b transfected 293T cells and is provided as 100  $\mu$ g protein in 200  $\mu$ l SDS-PAGE buffer.

## STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

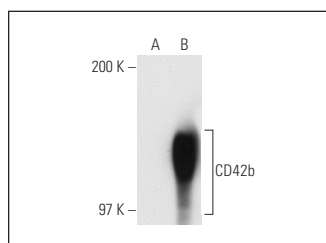
## APPLICATIONS

CD42b (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive CD42b antibodies. Recommended use: 10-20  $\mu$ l per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

CD42b (MM2/174): sc-80728 is recommended as a positive control antibody for Western Blot analysis of enhanced human CD42b expression in CD42b transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

## DATA



CD42b (MM2/174): sc-80728. Western blot analysis of CD42b expression in non-transfected: sc-117752 (A) and human CD42b transfected: sc-114145 (B) 293T whole cell lysates.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.