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**Product Name: CD42b (1R11) Rabbit Monoclonal Antibody****Catalog #: AMRe08395**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.42mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:2000-1:20000,IHC 1:100-1:200
<b>Molecular Weight</b>	72kDa

**Antigen Information**

<b>Gene Name</b>	GP1BA
<b>Alternative Names</b>	Antigen CD42b alpha; BDPLT1; BDPLT3; BSS; CD42b alpha; DBPLT3; Glycoprotein Ibalpha; GP Ib alpha; GP1B; GP1BA; GPIb alpha; GPIbA; VWDP;
<b>Gene ID</b>	2811.0
<b>SwissProt ID</b>	P07359
<b>Immunogen</b>	A synthetic peptide of human CD42b

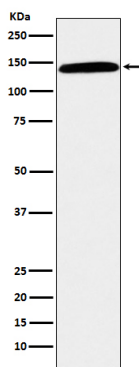
**Background**

CD42b is a platelet activation marker involved in the process of coagulation as an aggregating factor. It interacts with extracellular matrix as well as with adhesion molecules. Its expression and activation seems to be regulated by VEGF and PDGF. GP-Ib, a surface membrane protein of platelets, participates in the formation of platelet plugs by binding to the A1 domain of vWF, which is already bound to the subendothelium.

## Research Area

ECM-receptor interaction; Hematopoietic cell lineage;

## Image Data



Western blot analysis of CD42b expression in human spleen lysate.