

## Anti-CD42b Rabbit Monoclonal Antibody

### Introduction

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.

### Product parameters

|                    |  |
|--------------------|--|
| Alternative Names  | Antigen CD42b alpha; BDPLT1; BDPLT3; BSS; CD42b alpha; DBPLT3; Glycoprotein Ibalpha; GP Ib alpha; GP1B; GP1BA; GPIb alpha; GPIbA; VWDP |
| Gene ID            | 2811   |
| Gene Name          | GP1BA  |
| SwissProt ID       | P07359   |
| Host               | Rabbit   |
| Reactivity         | Human  |
| Molecular Weight   | Calculated MW: 72 kDa; Observed MW: 143 kDa  |
| Conjugation        | Unconjugated   |
| Ex                 | -  |
| Em                 | -  |
| Modification       | Unmodified   |
| Clonality          | IgG  |
| Isotype            | Monoclonal Antibody  |
| Clonality No.      | AP-1A6B11  |
| Form               | Liquid   |
| Concentration      | See label  |
| Carrier            | Carrier Free   |
| Immunogen          | A synthesized peptide derived from human CD42b   |
| Purification       | Affinity Chromatography  |
| Buffer System      | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                      |
| Application        | WB, IHC-P  |
| Dilution Ratio     | WB: 1/500-1/1000 IHC: 1/50-1/100   |
| Research Field     | Cardiovascular   |
| Product Categories | Primary antibody   |
| Shipping           | Blue ice   |

|                 |                                  |
|-----------------|----------------------------------|
| Storage         | -20°C                            |
| Expiration Date | 12 months                        |
| Note            | Please avoid freeze-thaw cycles. |

## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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