

## Rabbit CD42c Polyclonal Antibody | anti-CD42c antibody

CD42c Rabbit Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                    |
|-----------|--------|-------------------|-------------------------------------------------|
| AAA318793 | Rabbit | Human, Mouse, Rat | ELISA, Immunofluorescence, Immunohistochemistry |

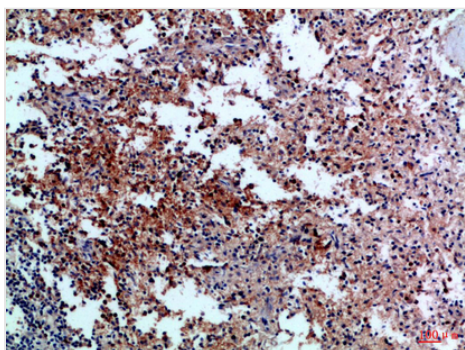
### PRODUCT SYNONYMS

CD42c; Polyclonal Antibody; CD42c Rabbit Polyclonal Antibody; Platelet glycoprotein Ib beta chain (GP-Ib beta)(GPIb-beta)(GPIbB)(Antigen CD42b-beta)(CD antigen CD42c); BH6842; anti-CD42c antibody

### PRODUCT SPECIFICATIONS

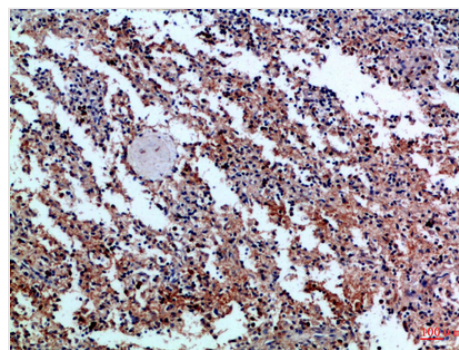
|                                                 |                                                                                                                       |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                            |
| Specificity                                     | The antibody detects endogenous CD42c                                                                                 |
| Purity/Purification                             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Form/Format                                     | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                               |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                |
| Applicable Applications for anti-CD42c antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)                                                            |
| Immunogen                                       | Synthetic peptide from human protein at AA range: 90-150                                                              |
| Modification                                    | Unmodified/Total                                                                                                      |
| Preparation and Storage                         | Store at -20 degree C/1 year                                                                                          |

### IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-spleen, antibody was diluted at 1:100



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-spleen, antibody was diluted at 1:100

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD42c antibody | Platelet glycoprotein Ib (GPIb) is a heterodimeric transmembrane protein consisting of a disulfide-linked 140 kD alpha chain and 22 kD beta chain. It is part of the GPIb-V-IX system that constitutes the receptor for von Willebrand factor (VWF), and mediates platelet adhesion in the arterial circulation. GPIb alpha chain provides the VWF binding site, and GPIb beta contributes to surface expression of the receptor and participates in transmembrane signaling through phosphorylation of its intracellular domain. Mutations in the GPIb beta subunit have been associated with Bernard-Soulier syndrome, velocardiofacial syndrome and giant platelet disorder. The 206 amino acid precursor of GPIb beta is synthesized from a 1.0 kb mRNA expressed in plateletes and megakaryocytes. A 411 amino acid protein arising from a longer, unspliced transcript in endothelial cells has been described; however, t |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4504073                                                                                                                               |
| NCBI GeneID                      | 2812                                                                                                                                  |
| NCBI Accession #                 | NP_000398.1                                                                                                                           |
| NCBI GenBank Nucleotide #        | NM_000407.4                                                                                                                           |
| UniProt Accession #              | P13224; Q14422; Q8NG40                                                                                                                |
| Molecular Weight                 | 43,158 Da                                                                                                                             |
| NCBI Official Full Name          | platelet glycoprotein Ib beta chain                                                                                                   |
| NCBI Official Synonym Full Names | glycoprotein Ib (platelet), beta polypeptide                                                                                          |
| NCBI Official Symbol             | GP1BB                                                                                                                                 |
| NCBI Official Synonym Symbols    | BS; CD42C; GPIBB; BDPLT1                                                                                                              |
| NCBI Protein Information         | platelet glycoprotein Ib beta chain; GP-Ib beta; antigen CD42b-beta; nuclear localization signal deleted in velocardiofacial syndrome |
| UniProt Protein Name             | Platelet glycoprotein Ib beta chain                                                                                                   |
| UniProt Gene Name                | GP1BB                                                                                                                                 |
| UniProt Synonym Gene Names       | GP-Ib beta; GPIb-beta; GPIbB                                                                                                          |
| UniProt Entry Name               | GP1BB_HUMAN                                                                                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd42c-antibody-immunofluorescence-immunohistochemistry-elisa/318793>