



# CD32-B/C Polyclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-30063                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                             |
| <b>Reactivity</b>         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>       | WB;ELISA                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>          | FCGR2B/FCGR2C                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Name</b>       | Low affinity immunoglobulin gamma Fc region receptor II-b/Low affinity immunoglobulin gamma Fc region receptor II-c                                                                                                                                                                                                             |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from the Internal region of human FCGR2B/C. AA range:141-190                                                                                                                                                                                                     |
| <b>Specificity</b>        | CD32-B/C Polyclonal Antibody detects endogenous levels of CD32-B/C protein.                                                                                                                                                                                                                                                     |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                         |
| <b>Source</b>             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                          |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                           |
| <b>Dilution</b>           | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.                                                                                                                                                                                                                                             |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                            |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>           | FCGR2B; CD32; FCG2; IGFR2; Low affinity immunoglobulin gamma Fc region receptor II-b; IgG Fc receptor II-b; CDw32; Fc-gamma RII-b; Fc-gamma-RIIb; FcRII-b; CD32; FCGR2C; CD32; FCG2; IGFR2;Low affinity immunoglobulin gamma Fc region receptor II-c; IgG Fc receptor II-c; CDw32; Fc-gamma RII-c; Fc-gamma-RIIc; FcRII-c; CD32 |
| <b>Observed Band</b>      | 35kD                                                                                                                                                                                                                                                                                                                            |
| <b>Cell Pathway</b>       | Cell membrane; Single-pass type I membrane protein.                                                                                                                                                                                                                                                                             |
| <b>Tissue Specificity</b> | Is the most broadly distributed Fc-gamma-receptor. Expressed in monocyte, neutrophils, macrophages, basophils, eosinophils, Langerhans cells, B-cells, platelets cells and placenta (endothelial cells). Not detected in natural killer cells.                                                                                  |
| <b>Function</b>           | immune response,                                                                                                                                                                                                                                                                                                                |
| <b>Background</b>         | Low affinity immunoglobulin gamma Fc region receptor II-b/Low affinity immunoglobulin gamma Fc region receptor II-c encoded by FCGR2B is a low                                                                                                                                                                                  |

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affinity receptor for the Fc region of immunoglobulin gamma complexes. The encoded protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in this gene may increase susceptibility to systemic lupus erythematosus (SLE). Several transcript variants encoding different isoforms have been found for this gene.

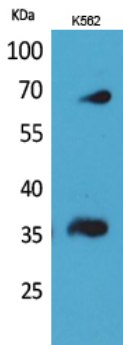
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of K562 cells using CD32-B/C Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000