

## Anti-GFI1B Antibody Picoband®

Catalog Number: A03180-2

### About GFI1B

This gene encodes a zinc-finger containing transcriptional regulator that is primarily expressed in cells of hematopoietic lineage. The encoded protein complexes with numerous other transcriptional regulatory proteins including GATA-1, runt-related transcription factor 1 and histone deacetylases to control expression of genes involved in the development and maturation of erythrocytes and megakaryocytes. Mutations in this gene are the cause of the autosomal dominant platelet disorder, platelet-type bleeding disorder-17. Alternate splicing results in multiple transcript variants.

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### Overview

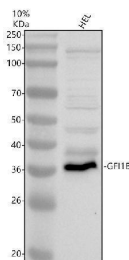
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-GFI1B Antibody Picoband®                                                                                                                                                                                                                                                                                                                                                                                     |
| Reactive Species     | Human                                                                                                                                                                                                                                                                                                                                                                                                             |
| Description          | Boster Bio Anti-GFI1B Antibody Picoband® catalog # A03180-2. Tested in WB, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Application          | ELISA, WB                                                                                                                                                                                                                                                                                                                                                                                                         |
| Clonality            | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                        |
| Formulation          | Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .                                                                                                                                                                                                                                                                                                                         |
| Storage Instructions | At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.                                                                                                                                                                                                                 |
| Host                 | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                            |
| Uniprot ID           | Q5VTD9                                                                                                                                                                                                                                                                                                                                                                                                            |

### Technical Details

|           |                                                                      |
|-----------|----------------------------------------------------------------------|
| Immunogen | E.coli-derived human GFI1B recombinant protein (Position: H16-K170). |
| Form      | Lyophilized                                                          |

|                     |                                                                           |
|---------------------|---------------------------------------------------------------------------|
| Concentration       | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. |
| Purification        | Immunogen affinity purified.                                              |
| Suggested Dilutions | Western blot, 0.25-0.5 ug/ml, Human<br>ELISA, 0.1-0.5 ug/ml               |

## Anti-GFI1B Antibody Picoband® (A03180-2) Images



Western blot analysis of GFI1B using anti-GFI1B antibody (A03180-2). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HEL whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-GFI1B antigen affinity purified polyclonal antibody (A03180-2) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for GFI1B at approximately 37 kDa. The expected band size for GFI1B is at 37 kDa.

### Anti-GFI1B Antibody

For Research Use Only. Not for use in diagnostic procedures.