

## Product Datasheet

### IL1B/IL1F2 Human Monoclonal Antibody (orb2976888)

|                      |                                                                                                                                                                                                                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog Number       | orb2976888                                                                                                                                                                                                                                                                                                                        |
| Category             | Antibodies                                                                                                                                                                                                                                                                                                                        |
| Description          | Anti-Human IL1B/IL1F2 (BNA4301324) is a research-grade recombinant antibody targeting Interleukin-1 beta. Produced in mammalian cells with native-like glycosylation. Highlights Research Grade: For PK/PD studies, assay development, and ADA research. Native Glycosylation: Mammalian expression ensures native-like patterns. |
| Clonality            | Monoclonal                                                                                                                                                                                                                                                                                                                        |
| Species/Host         | Human                                                                                                                                                                                                                                                                                                                             |
| Isotype              | IgG                                                                                                                                                                                                                                                                                                                               |
| Conjugation          | Unconjugated                                                                                                                                                                                                                                                                                                                      |
| Reactivity           | Human                                                                                                                                                                                                                                                                                                                             |
| Form/Appearance      | Liquid                                                                                                                                                                                                                                                                                                                            |
| Concentration        | Lot dependent                                                                                                                                                                                                                                                                                                                     |
| Buffer/Preservatives | 0.01M PBS, pH 7.4.                                                                                                                                                                                                                                                                                                                |
| Purity               | >95% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                            |
| Purification         | Protein A/G purified from cell culture supernatant.                                                                                                                                                                                                                                                                               |
| UniProt ID           | <b>P01584</b>                                                                                                                                                                                                                                                                                                                     |
| Tested applications  | ELISA, FA, FACS, In vivo                                                                                                                                                                                                                                                                                                          |

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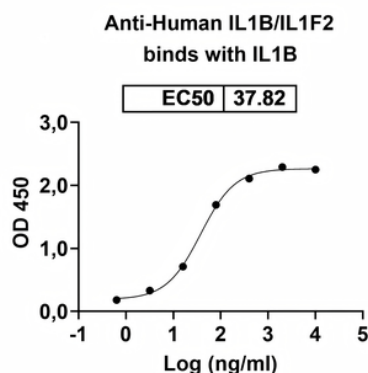
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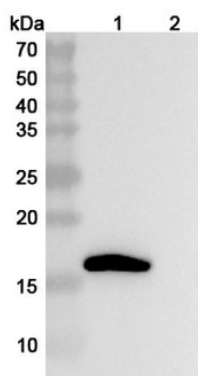
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|                          |                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antibody Type</b>     | Biosimilar Antibody                                                                                                                     |
| <b>Clone Number</b>      | BNA4301324                                                                                                                              |
| <b>Expression System</b> | Mammalian Cells                                                                                                                         |
| <b>Endotoxins</b>        | Please contact with the lab for this information.                                                                                       |
| <b>Storage</b>           | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>              | For research use only                                                                                                                   |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                         |



Detects recombinant human IL1B/IL1F2 (Catalog No: orb2969638) in indirect ELISA.



Western blot analysis was performed using anti-human IL1B monoclonal antibody at 1 µg/mL on various samples. Lane 1: recombinant human IL1B (Catalog No: orb2969638), Lane 2: negative control.

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