

## Datasheet for ABIN2129944

### IL12 Protein



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#### Overview

|                      |                                                                        |
|----------------------|------------------------------------------------------------------------|
| Quantity:            | 25 µg                                                                  |
| Target:              | IL12                                                                   |
| Origin:              | Mouse                                                                  |
| Source:              | Insect Cells                                                           |
| Protein Type:        | Recombinant                                                            |
| Biological Activity: | Active                                                                 |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP) |

#### Product Details

|                  |                                                       |
|------------------|-------------------------------------------------------|
| Purification:    | Purified by affinity chromatography.                  |
| Purity:          | > 98 % pure                                           |
| Sterility:       | 0.22 µm filtered                                      |
| Endotoxin Level: | < 0.01 ng/µg cytokine as determined by the LAL assay. |

#### Target Details

|                   |                                                                                                                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | IL12                                                                                                                                                                                                                                                                     |
| Alternative Name: | IL12 ( <a href="#">IL12 Products</a> )                                                                                                                                                                                                                                   |
| Molecular Weight: | 65 kDa                                                                                                                                                                                                                                                                   |
| Pathways:         | <a href="#">JAK-STAT Signaling</a> , <a href="#">TLR Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> ,<br><a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , |

## Target Details

Activated T Cell Proliferation, Cancer Immune Checkpoints, Inflammasome

## Application Details

|                    |                                                                                                                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | WB: 1-10 µg/mL<br><br>It is recommended that the antibody be carefully titrated for optimal /formance in the assay of interest                                                                                                             |
| Comment:           | Biological activity: The ED50 of this protein, as measured by IFN gamma induction assay in mouse splenocytes, is less than or equal to 175 pg/mL. This corresponds to a specific activity of greater than or equal to 5.7 x 10e6 Units/mg. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                      |

## Handling

|                |                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------|
| Format:        | Liquid                                                                                                  |
| Concentration: | 500 µg/mL                                                                                               |
| Buffer:        | Supplied as a sterile liquid with 10 mM NaH2PO4, pH 6.0, 300 mM NaCl, with 1.0 % BSA. 0.22 µm filtered. |
| Storage:       | 4 °C/-20 °C/-80 °C                                                                                      |