

**Product Name: IL-12A Rabbit Monoclonal Antibody**  
**Catalog #: AMRe03919**



## Summary

|                        |                                   |
|------------------------|-----------------------------------|
| <b>Production Name</b> | IL-12A Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal antibody        |
| <b>Host</b>            | Rabbit                            |
| <b>Application</b>     | WB,IHC-F,IHC-P,FC                 |
| <b>Reactivity</b>      | Human, Mouse                      |

## Performance

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                                   |
| <b>Modification</b> | Unmodified                                                                                                     |
| <b>Isotype</b>      | IgG                                                                                                            |
| <b>Clonality</b>    | Monoclonal                                                                                                     |
| <b>Form</b>         | Liquid                                                                                                         |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                       |
| <b>Buffer</b>       | Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein. |
| <b>Purification</b> | Affinity Purification                                                                                          |

## Immunogen

|                          |                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | IL12A                                                                                                                                                   |
| <b>Alternative Names</b> | IL12A;Interleukin-12 subunit alpha, IL-12 subunit p35, IL-12A, Cytotoxic Lymphocyte Maturation Factor 35 kDa;NK cell stimulatory factor chain 1 ;NKSF1; |
| <b>Gene ID</b>           | 3592.0                                                                                                                                                  |
| <b>SwissProt ID</b>      | P29459.                                                                                                                                                 |

## Application

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 IHC: 1:50-1:100 FC: 1:50-1:100 |
| <b>Molecular Weight</b> | Calculated MW:25 kDa;Observed MW: 35 kDa        |

## Background

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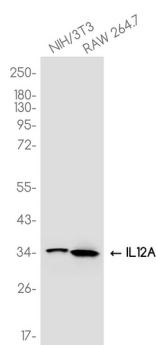


Heterodimerizes with IL12B to form the IL-12 cytokine or with EBI3/IL27B to form the IL-35 cytokine .IL-12 is primarily produced by professional antigen-presenting cells (APCs) such as B-cells and dendritic cells (DCs) as well as macrophages and granulocytes and regulates T-cell and natural killer-cell responses, induces the production of interferon-gamma (IFN-gamma), favors the differentiation of T-helper 1 (Th1) cells and is an important link between innate resistance and adaptive immunity .

## Research Area

Immunology

## Image Data



Western blot analysis of IL-12A in NIH3T3, Raw 264.7 lysates using IL-12A antibody.

## Note

For research use only.