

## Rabbit anti-Human IL12RB2 Polyclonal Antibody | anti-IL12RB2 antibody

IL12RB2 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS              |
|-----------|--------|------------|---------------------------|
| AAA234499 | Rabbit | Human      | Immunofluorescence, ELISA |

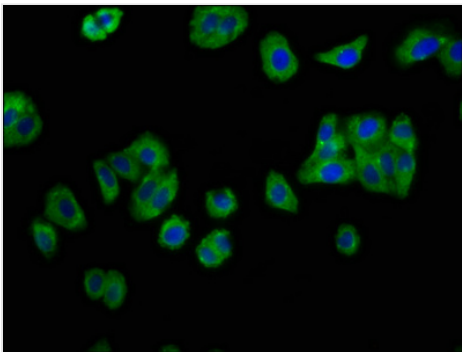
### PRODUCT SYNONYMS

IL12RB2; Polyclonal Antibody; IL12RB2 Antibody; Interleukin-12 receptor subunit beta-2; IL-12 receptor subunit beta-2; IL-12R subunit beta-2; IL-12R-beta-2; IL-12RB2; anti-IL12RB2 antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                  |
|---------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                           |
| Reactivity                                        | Human                                                                            |
| Clonality                                         | Polyclonal                                                                       |
| Isotype                                           | IgG                                                                              |
| Purity/Purification                               | >95%, Protein G purified                                                         |
| Form/Format                                       | Liquid                                                                           |
| Sequence Length                                   | 659                                                                              |
| Applicable Applications for anti-IL12RB2 antibody | IF (Immunofluorescence), ELISA                                                   |
| Immunogen                                         | Recombinant Human Interleukin-12 receptor subunit beta-2 protein (366-470AA)     |
| Conjugation                                       | Non-conjugated                                                                   |
| Storage Buffer                                    | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Species                                           | Homo sapiens (Human)                                                             |
| Research Area                                     | Immunology                                                                       |
| Preparation and Storage                           | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence staining of HepG2 cells with AAA234499 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IL12RB2 antibody | Receptor for interleukin-12. This subunit is the signaling component coupling to the JAK2/STAT4 pathway. Promotes the proliferation of T-cells as well as NK cells. Induces the promotion of T-cells towards the Th1 phenotype by strongly enhancing IFN-gamma production. |
| Product Categories/Family for anti-IL12RB2 antibody   | Cancer; Immunology                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| NCBI GI #                        | 384551670                                                                     |
| NCBI GeneID                      | 3595                                                                          |
| NCBI Accession #                 | NP_001245143.1                                                                |
| NCBI GenBank Nucleotide #        | NM_001258214.1                                                                |
| UniProt Accession #              | Q99665; Q2M3V3; B1AN98; B7ZKL9; F5H7L6                                        |
| NCBI Official Full Name          | interleukin-12 receptor subunit beta-2 isoform b                              |
| NCBI Official Synonym Full Names | interleukin 12 receptor subunit beta 2                                        |
| NCBI Official Symbol             | IL12RB2                                                                       |
| NCBI Protein Information         | interleukin-12 receptor subunit beta-2                                        |
| UniProt Protein Name             | Interleukin-12 receptor subunit beta-2                                        |
| UniProt Gene Name                | IL12RB2                                                                       |
| UniProt Synonym Gene Names       | IL-12 receptor subunit beta-2; IL-12R subunit beta-2; IL-12R-beta-2; IL-12RB2 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.