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Datasheet for ABIN651428

### anti-IL5RA antibody (N-Term)

3 Images



Go to Product page

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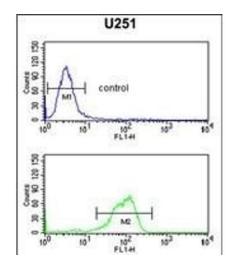
| Quantity:            | 400 μL   |
|----------------------|--|
| Target:              | IL5RA  |
| Binding Specificity: | AA 49-76, N-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This IL5RA antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))  |
| Product Details      |  |
| Immunogen:           | This IL5RA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 49-76 amino acids from the N-terminal region of human IL5RA. |
| Clone:               | RB26162  |
| Isotype:             | lg Fraction  |
| Purification:        | This antibody is purified through a protein A column, followed by peptide affinity purification.   |
| Target Details       |  |
| Target:              | IL5RA  |
| Alternative Name:    | IL5RA (IL5RA Products)   |

### **Target Details**

Expiry Date:

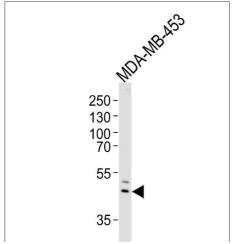
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|---------------------|---|
| Background:         | IL5RA is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. |
| Molecular Weight:   | 47685   |
| Gene ID:            | 3568  |
| NCBI Accession:     | NP_000555, NP_001230028, NP_783851, NP_783852, NP_783853, NP_783854, NP_783855  |
| UniProt:            | Q01344  |
| Pathways:           | JAK-STAT Signaling  |
| Application Details |   |
| Application Notes:  | WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50  |
| Restrictions:       | For Research Use only   |
| Handling            |   |
| Format:             | Liquid  |
| Buffer:             | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.  |
| Preservative:       | Sodium azide  |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |
| Storage:            | 4 °C,-20 °C   |
| Storage Comment:    | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.  |



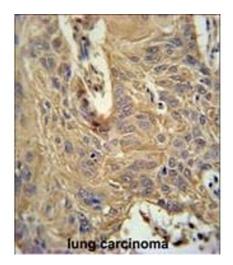
## Image 1. II 5RA

**Image 1.** IL5RA Antibody (N-term) (ABIN651428 and ABIN2840234) flow cytometric analysis of cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### **Western Blotting**

**Image 2.** Western blot analysis of lysate from MDA-MB-453 cell line, using IL5RA Antibody (N-term) (ABIN651428 and ABIN2840234). (ABIN651428 and ABIN2840234) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35  $\mu$ g per lane.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** IL5RA Antibody (N-term) (ABIN651428 and ABIN2840234) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IL5RA Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.