

## Recombinant IL3RA/CD123 Monoclonal Antibody

catalog number: AN300195P

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

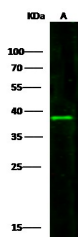
|                     |                                 |
|---------------------|---------------------------------|
| <b>Reactivity</b>   | Human                           |
| <b>Immunogen</b>    | Recombinant Human IL3RA protein |
| <b>Host</b>         | Rabbit                          |
| <b>Isotype</b>      | IgG                             |
| <b>Clone</b>        | C320131                         |
| <b>Purification</b> | Protein A                       |
| <b>Buffer</b>       | 0.2 µm filtered solution in PBS |

### Applications

### Recommended Dilution

**WB:** 1:1000; IHC-P: 1:200-1:500

### Data



Western Blot with IL3RA / CD123 Monoclonal Antibody at dilution of 1:1000. Lane A: HeLa Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

**Observed-MW: 70 kDa**

**Calculated-MW: 43 kDa**

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### Background

The protein encoded by this gene is an interleukin 3 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 IL3 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL3. This gene and the gene encoding the colony stimulating factor 2 receptor alpha chain (CSF2RA) form a cytokine receptor gene cluster in a X-Y pseudoautosomal region on chromosomes X or Y. Alternatively spliced transcript variants encoding distinct isoforms have been found. [provided by RefSeq, Jun 2012]

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.6