

For Research Use Only

# IL-3 Recombinant monoclonal antibody

Catalog Number: 87822-1-RR



## Basic Information

|                           |                                                |                           |               |                        |                        |
|---------------------------|------------------------------------------------|---------------------------|---------------|------------------------|------------------------|
| Catalog Number:           | 87822-1-RR                                     | GenBank Accession Number: | /             | Purification Method:   | Protein A purification |
| Size:                     | 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI):            | 24495         | CloneNo.:              | 251828G3               |
| Source:                   | Rabbit                                         | UNIPROT ID:               | P04823        | Recommended Dilutions: | WB: 1:1000-1:4000      |
| Isotype:                  | IgG                                            | Full Name:                | interleukin 3 |                        |                        |
| Immunogen Catalog Number: | EG6239                                         | Calculated MW:            | 19 kDa        |                        |                        |

## Applications

|                      |           |                    |                                                |
|----------------------|-----------|--------------------|------------------------------------------------|
| Tested Applications: | WB, ELISA | Positive Controls: | WB : Transfected with rat IL-3 HEK-293T cells, |
| Species Specificity: | rat       |                    |                                                |

## Background Information

Interleukin-3 (IL-3) is a multilineage hematopoietic growth factor that promotes the proliferation, differentiation and survival of early multilineage hematopoietic progenitors. In particular, this cytokine plays a key role in stimulating the proliferation and survival of myeloid precursors. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders.

## Storage

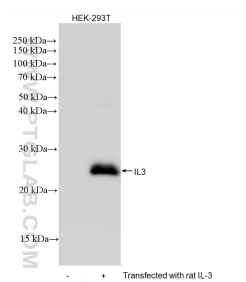
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

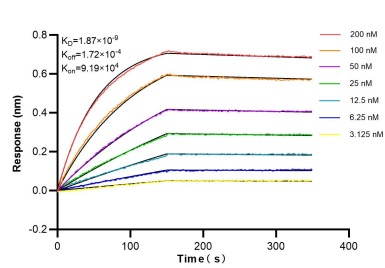
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



HEK-293T cells transfected with rat IL-3 were subjected to SDS PAGE followed by western blot with 87822-1-RR (IL3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87822-1-RR against Rat IL-3 were performed. The affinity constant is 1.87 nM.