

For Research Use Only

# EBI3 Monoclonal antibody

Catalog Number: 66354-1-Ig



## Basic Information

<b>Catalog Number:</b> 66354-1-Ig	<b>GenBank Accession Number:</b> BC015364	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1500 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10148	<b>CloneNo.:</b> 1F3H10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q14213	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Full Name:</b> Epstein-Barr virus induced 3	
<b>Immunogen Catalog Number:</b> AG3051	<b>Calculated MW:</b> 229 aa, 25 kDa	
	<b>Observed MW:</b> 34 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human spleen tissue, rat spleen tissue
<b>Species Specificity:</b> human, pig, rat	

## Background Information

EBI3, a 34-kDa secreted glycoprotein, is a subunit in 2 distinct heterodimeric cytokines: IL-27 and IL-35. IL-27, composed of p28 (IL-27) and EBI3, can trigger signaling in T cells, B cells, and myeloid cells. IL-35, composed of EBI3 and the ubiquitously expressed p35 subunit of IL-12, is an inhibitory cytokine involved in regulatory T-cell function. EBI3 plays a role in regulating cell-mediated immune responses. (PMID: 8551575; 18033300; 17874423; 21931777)

## Storage

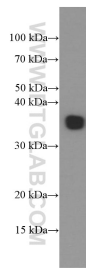
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

For technical support and original validation data for this product please contact:  
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



human spleen tissue were subjected to SDS PAGE followed by western blot with 66354-1-Ig (EBI3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.