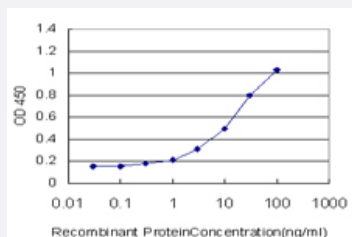


EBI3 monoclonal antibody (M01), clone 1D3

Catalog # H00010148-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EBI3 is approximately 0.3ng/ml as a capture antibody.

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant EBI3. (Please notice that this antibody can't conjugate with biotin, biotinylation will lead to loss of antibody specificity).

Immunogen

EBI3 (NP_005746, 129 a.a. ~ 229 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

PDPPEGVRLSPLAERQLQVQWEPGSGWPFPEIFSLKYWIRYKRQGAARFHRVGPIEATSFILRAV
RPRARYVQVAAQDLTDYGELSDWSLPATATMSLGK

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (62); Rat (62)

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EBI3 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — EBI3

| | |
|---------------------|--|
| Entrez GeneID | 10148 |
| GeneBank Accession# | NM_005755 |
| Protein Accession# | NP_005746 |
| Gene Name | EBI3 |
| Gene Alias | IL27B |
| Gene Description | Epstein-Barr virus induced 3 |
| Omim ID | 605816 |
| Gene Ontology | Hyperlink |
| Gene Summary | This gene was identified by its induced expression in B lymphocytes in response Epstein-Barr virus infection. It encodes a secreted glycoprotein belonging to the hematopoietin receptor family, and heterodimerizes with a 28 kDa protein to form interleukin 27 (IL-27). IL-27 regulates T cell and inflammatory responses, in part by activating the Jak/STAT pathway of CD4+ T cells. [provided by RefSeq] |
| Other Designations | Epstein-Barr virus induced gene 3 cytokine receptor interleukin-27 subunit beta |