

EBI3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant EBI3. (Please notice that this antibo

Catalog # AT1847a

Product Information

Application	E
Primary Accession	Q14213
Other Accession	NM_005755
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1D3
Calculated MW	25396

Additional Information

Gene ID	10148
Other Names	Interleukin-27 subunit beta, IL-27 subunit beta, IL-27B, Epstein-Barr virus-induced gene 3 protein, EBV-induced gene 3 protein, EBI3, IL27B
Target/Specificity	EBI3 (NP_005746, 129 a.a. ~ 229 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	EBI3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

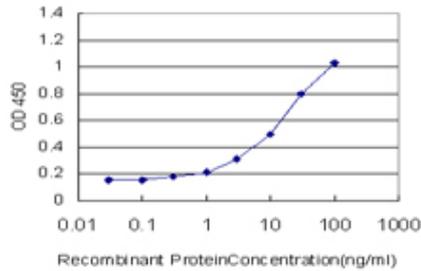
This gene was identified by its induced expression in B lymphocytes in response Epstein-Barr virus infection. It encodes a secreted glycoprotein belonging to the hematopoietin receptor family, and heterodimerizes with a 28 kDa protein to form interleukin 27 (IL-27). IL-27 regulates T cell and inflammatory responses, in part by activating the Jak/STAT pathway of CD4+ T cells.

References

Epstein-barr virus-induced gene-3 is expressed in human atheroma plaques. Kempe S, et al. Am J Pathol,

2009 Jul. PMID 19556516. IL27: its roles in the induction and inhibition of inflammation. Carl JW, et al. Int J Clin Exp Pathol, 2008 Jan 1. PMID 18784808. Genome-wide analysis displays marked induction of EB13/IL-27B in IL-18-activated AML-derived KG1 cells: critical role of two kappaB binding sites in the human EB13 promoter. Poleganov MA, et al. Mol Immunol, 2008 May. PMID 18336908. Enhanced expression of IL-27 mRNA in human newborns. Krumbiegel D, et al. Pediatr Allergy Immunol, 2008 Sep. PMID 18167155. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.

Images



Detection limit for recombinant GST tagged EB13 is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.