IL1RAP monoclonal antibody (M03), clone 3D8

Catalog # H00003556-M03 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant IL1RAP.
Immunogen	IL1RAP (AAH53621.1, 1 a.a. ~ 356 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTLLWCVVSLYFYGILQSDASERCDDWGLDTMRQIQVFEDEPARIKCPLFEHFLKFNYSTAHSAG LTLIWYWTRQDRDLEEPINFRLPENRISKEKDVLWFRPTLLNDTGNYTCMLRNTTYCSKVAFPLEV VQKDSCFNSPMKLPVHKLYIEYGIQRITCPNVDGYFPSSVKPTITWYMGCYKIQNFNNVIPEGMNLS FLIALISNNGNYTCVVTYPENGRTFHLTRTPTVKVVGSPKNAVPPVIHSPNDHVVYEKEPGEELLIP CTVYFSFLMDSRNEVWWTIDGKKPDDITIDVTINESISHSRTEDETRTQILSIKKVTSEDLKRSYVCH ARSAKGEVAKAAKVKQKGNRCGQ
Host	Mouse
Reactivity	Human
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

- ELISA

Gene Info — IL1RAP

Entrez GeneID	3556
GeneBank Accession#	BC053621

Protein Accession#	AAH53621.1
Gene Name	IL1RAP
Gene Alias	C3orf13, FLJ37788, IL-1RAcP, IL1R3
Gene Description	interleukin 1 receptor accessory protein
Omim ID	602626
Gene Ontology	Hyperlink
Gene Summary	Interleukin 1 induces synthesis of acute phase and proinflammatory proteins during infection, tissue damage, or stress, by forming a complex at the cell membrane with an interleukin 1 receptor and an accessory protein. This gene encodes an interleukin 1 receptor accessory protein. Alternative splicing of this gene results in two transcript variants encoding two different isoforms, one membrane-bound and one soluble. [provided by RefSeq
Other Designations	interleukin-1 receptor accessory protein beta

Publication Reference

- IL1RAP potentiates multiple oncogenic signaling pathways in AML.

  Mitchell K, Barreyro L, Todorova TI, Taylor SJ, Antony-Debré I, Narayanagari SR, Carvajal LA, Leite J, Piperdi Z, Pendurti G, Mantzaris I, Paietta E, Verma A, Gritsman K, Steidl U.

  The Journal of Experimental Medicine 2018 Jun; 215(6):1709.

  Application: Teatment, Human, THP-1 cells

Pathway

- Apoptosis
- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Cardiovascular Diseases
- Celiac Disease
- Connective Tissue Diseases

- Diabetes Mellitus
- Edema
- Fetal Diseases
- Genetic Predisposition to Disease
- Immune System Diseases
- Infection
- Inflammation
- Leukemia
- Musculoskeletal Diseases
- Placenta Diseases
- Postoperative Complications
- Pregnancy Complications
- Premature Birth
- Skin Diseases
- Tobacco Use Disorder