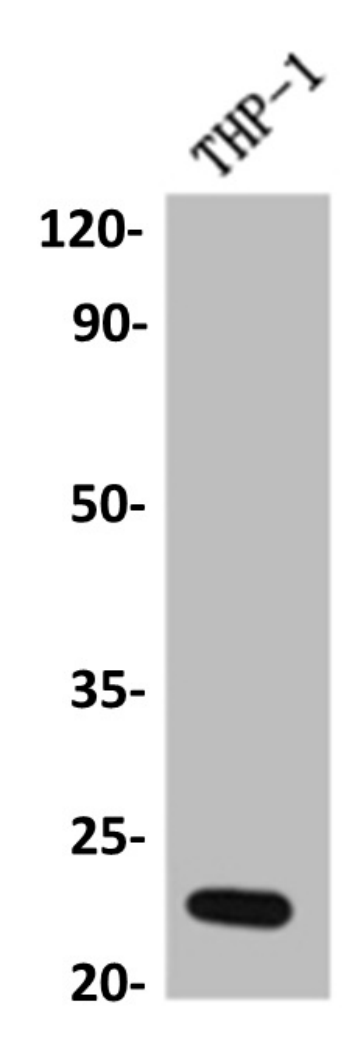
RecomAb™

IL23A recombinant monoclonal antibody, clone 1F6

Catalog # RAB07419 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of THP-1 whole cell lysate with IL23A recombinant monoclonal antibody, clone 1F6 (Cat # RAB07419).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human IL23A.
Antibody Species	Rabbit

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Immunogen	Original antibody is raised against a synthetic peptide corresponding to human IL23A.
Theoretical MW (kDa)	21
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Cell lysate)

  Western blot analysis of THP-1 whole cell lysate with IL23A recombinant monoclonal antibody, clone 1F6 (Cat # RAB07419).

Gene Info — IL23A

Entrez GeneID	51561
Protein Accession#	Q9NPF7
Gene Name	IL23A
Gene Alias	IL-23, IL-23A, IL23P19, MGC79388, P19, SGRF
Gene Description	interleukin 23, alpha subunit p19
Omim ID	605580

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Ontology	Hyperlink
Gene Summary	This gene encodes a subunit of the heterodimeric cytokine interleukin 23 (IL23). IL23 is compose d of this protein and the p40 subunit of interleukin 12 (IL12B). The receptor of IL23 is formed by th e beta 1 subunit of IL12 (IL12RB1) and an IL23 specific subunit, IL23R. Both IL23 and IL12 can ac tivate the transcription activator STAT4, and stimulate the production of interferon-gamma (IFNG). In contrast to IL12, which acts mainly on naive CD4(+) T cells, IL23 preferentially acts on memory CD4(+) T cells. [provided by RefSeq
Other Designations	JKA3 induced upon T-cell activation|interleukin 23 p19 subunit

Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

Disease

- Arthritis
- Crohn Disease
- Genetic Predisposition to Disease
- Hepatitis C
- Psoriasis
- Scleroderma

Copyright © 2023 Abnova Corporation. All Rights Reserved.