Anti-IL-23 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015498

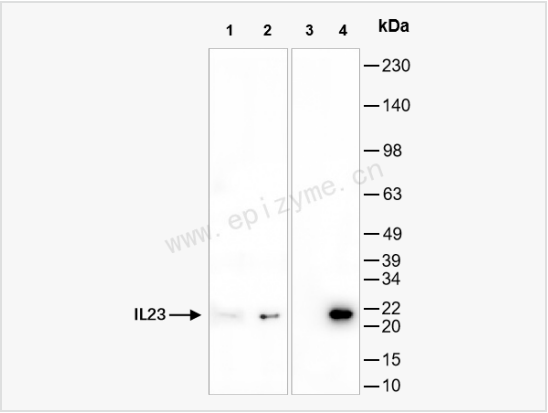
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	72E46P05
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human IL23
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IL-23 Rabbit mAb [72E46P05] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	SGRF; UNQ2498/PRO5798; IL23A; Interleukin-23 subunit alpha; IL-23 subunit alpha; IL-23-A; Interleukin-23 subunit p19; IL-23p19.
Calculated MW	Calculated MW: 21 kDa; Observed MW: 21 kDa
Uniprot ID	Q9NPF7
Gene ID	51561
Background	This gene encodes a subunit of the heterodimeric cytokine interleukin 23 (IL23). IL23 is composed of this protein and the p40 subunit of interleukin 12 (IL12B). The receptor of IL23 is formed by the beta 1 subunit of IL12 (IL12RB1) and an IL23 specific subunit, IL23R. Both IL23 and IL12 can activate 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, Jul 2008].
Cellular Location	Secreted. Secreted upon association with IL12B.
Tissue Location	Secreted by activated dendritic and phagocytic cells and keratinocytes. Also expressed by dermal Langerhans cells (at protein level).

Validation Images



Western Blot - Anti-IL-23 Rabbit mAb [72E46P05]
All lanes: R015498 at 1:1,000 dilution
Lane 1: Untreated Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Lane 2: Raw264.7 cells treated with 1mg/L LPS for 24 hours
Lane 3: Untreated THP-1 (Human monocytic leukemia cell) whole cell lysates
Lane 4: THP-1 cells treated with 1mg/L LPS for 24 hours
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 21 kDa
Observed band size: 21 kDa
Developed using the ECL technique (Cat. No. SQ201).