

## Anti-IL-23 P19/IL23A Antibody (4S598)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4S598
Purification:	Affinity-chromatography

### Applications

	Western Blot
	-Positive WB detected in: THP-1 whole cell lysate
Verified Activity:	-All lanes: IL23 antibody at 1:1000
	-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
	-Predicted band size: 21 kDa
	-Observed band size: 21 kDa
Application:	ELISA, WB
Recommended	WB:1:500-1:5000.

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthetic peptide: Human IL23
Antigen Species:	Human
Gene ID:	51561
Uniprot ID:	Q9NPF7
Synonyms:	IL23P19;IL-23A;SGRF;interleukin 23, alpha subunit p19;interleukin 23, α subunit p19;IL-23;P19
Biology Area:	Cancer, Immunology

### Research Background

Associates with IL12B to form the IL-23 interleukin, a heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to a heterodimeric receptor complex composed of IL12RB1 and IL23R, activates the Jak-Stat signaling cascade, stimulates memory rather than naive T-cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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