

## Anti-MIF Antibody (1P815)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	1P815
Purification:	Affinity-chromatography

### Applications

	Western Blot
	-Positive WB detected in: HL60 whole cell lysate, 293 whole cell lysate, PC-3 whole cell lysate, K562 whole cell lysate
Verified Activity:	-All lanes: MIF antibody at 1:1500 -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 13 kDa -Observed band size: 13 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 MIF
Antigen Species:	Human
Gene ID:	4282
Uniprot ID:	P14174
Synonyms:	macrophage migration inhibitory factor (glycosylation-inhibiting factor);GIF;GLIF;MMIF
Biology Area:	Immunology

### Research Background

Pro-inflammatory cytokine. Involved in the innate immune response to bacterial pathogens. The expression of MIF at sites of inflammation suggests a role as mediator in regulating the function of macrophages in host defense. Counteracts the anti-inflammatory activity of glucocorticoids. Has phenylpyruvate tautomerase and dopachrome tautomerase activity (in vitro), but the physiological substrate is not known. It is not clear whether the tautomerase activity has any physiological relevance, and whether it is important for cytokine activity.

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

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