

## MIF antibody

## Cat. No. GTX48478

Host	Chicken
Clonality	Polyclonal
Isotype	IgY
Applications	WB, ELISA
Reactivity	Human

## Package

100 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:2000
ELISA	1:1000-1:5000

Not tested in other applications.

Calculated MW 12 kDa. ([Note](#))

## Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to aa 2-32 of Human MIF conjugated to KLH.
Purification	IgY fraction This product is an IgY fraction antibody purified from monospecific chicken egg yolks by a multi-step process which includes selective precipitation and salt fractionation followed by extensive dialysis against the buffer stated above.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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## DATA IMAGES

**GTX48478 WB Image**

Western blot analysis of GeneTex's IgY fraction of Chicken-anti-Human MIF polyclonal antibody shows the detection of 100 µg of recombinant MIF present in a lysate. Similar detection of MIF will occur when human serum is analyzed. In lane 1 no reaction is observed in the control whereas lane 2 shows a single band at 12.3 kDa. A 4-20% gradient gel was used to separate the proteins by SDS-PAGE. The protein was transferred to nitro-cellulose using standard methods. After blocking the membrane was probed with the primary antibody for 1 h at room temperature followed by washes and reaction with a 1:5,000 dilution of IRDye800 conjugated Gt-a-Chicken Rabbit IgG [H&L] for 1 h at room temperature. LICOR's Odyssey® Infrared Imaging System was used to scan and process the image. Other detection systems will yield similar results.

**GTX48478 WB Image**

WB analysis of various samples using GTX48478 MIF antibody.

Lane 1 : Mock

Lane 2 : recombinant human MIF protein

Loading : 100 ng



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