

Datasheet for ABIN185406
anti-MIF antibody (C-Term)

5 Images

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Overview

Quantity:	100 µg
Target:	MIF
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MIF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	MIF
Immunogen:	Peptide with sequence C-NAANVGWNNSTFA, from the C Terminus of the protein sequence according to NP_002406.1.
Sequence:	NAANVGWNNSTFA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	MIF
Alternative Name:	MIF (MIF Products)
Background:	MIF, macrophage migration inhibitory factor (glycosylation-inhibiting factor) , HGNC:7097, GIF, GLIF, MMIF, glycosylation-inhibiting factor, phenylpyruvate tautomerase, macrophage migration inhibitory factor
Gene ID:	4282
NCBI Accession:	NP_002406
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Regulation of Carbohydrate Metabolic Process , Feeding Behaviour , Smooth Muscle Cell Migration , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Thymus. Recommended concentration: 5 µg/mL. Western Blot: Approx 13 kDa band observed in Human Lymph Node, and Thymus lysates and similar bands are observed in lysates of cell lines Daudi and Jurkat (calculated MW of 12.5 kDa according to NP_002406.1). Recommended concentration: 0.01-0.03 µg/mL. Pri Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

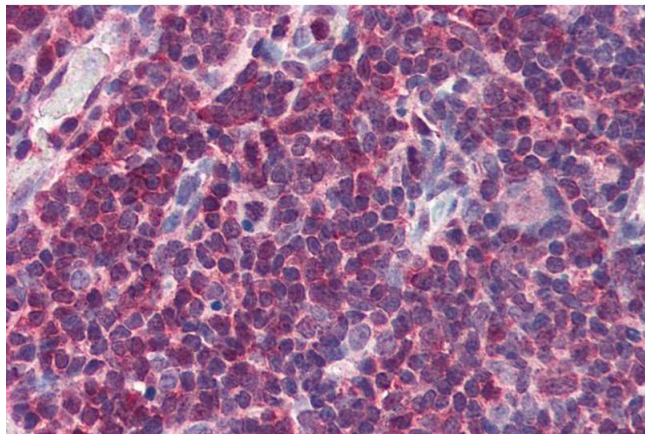
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

Handling

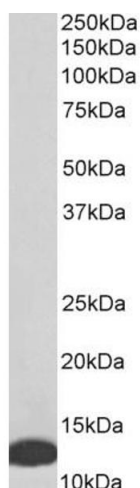
Storage Comment: Aliquot and store at -20°C , with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



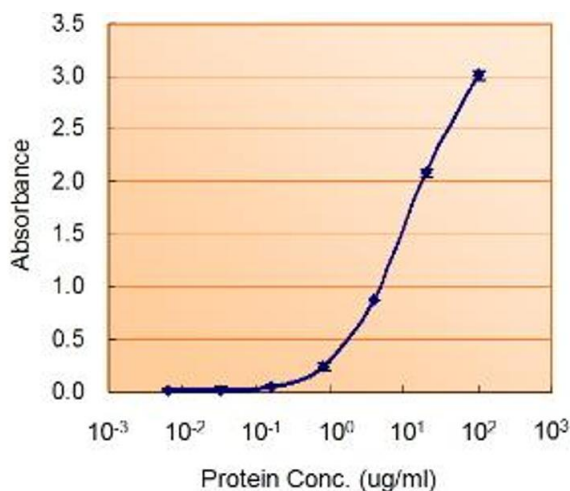
Immunohistochemistry

Image 1. ABIN185406 ($5\mu\text{g/ml}$) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN185406 ($0.01\mu\text{g/ml}$) staining of Human Thymus lysate ($35\mu\text{g}$ protein in RIPA buffer). Detected by chemiluminescence.



Enzyme Immunoassay

Image 3. ABIN185406 ($1.5\mu\text{g/ml}$) as the reporter with as the capture rabbit antibody ($5\mu\text{g/ml}$).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN185406.