Datasheet for ABIN2665272

anti-MIF antibody

2 Images

Go to Product page

Overview

Quantity:	50 µg
Target:	MIF
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MIF antibody is un-conjugated
Application:	Biochemical Assay (BCA)

Product Details

Clone:	10C3
Isotype:	IgG2b kappa
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	MIF
Alternative Name:	MIF (MIF Products)
Background:	Human macrophage migration inhibitory factor (MIF) is a 12.5 kD, 115 amino acid, non-glycosylated polypeptide expressed by multiple cell types, including activated T cells, macrophages, eosinophils, epithelial cells, and endothelial cells. MIF plays many roles in biological processes such as catalytic activity, immunity, endocrine regulation, signal modulation, and inflammation. MIF is expressed in malignant cells including lung, liver, breast,

Target Details

	colon, and prostate tumors. Studies suggest that MIF might serve as a molecular link between chronic inflammation and cancer. Recombinant MIF consists of a mixture of monomers, dimers, and trimers. The physiologically active forms are believed to be predominantly dimeric and trimeric forms.
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:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

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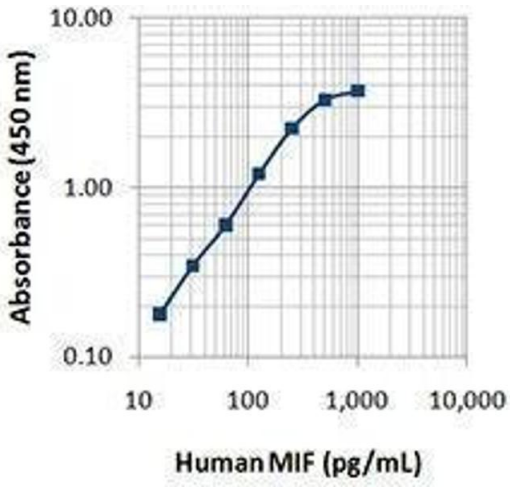
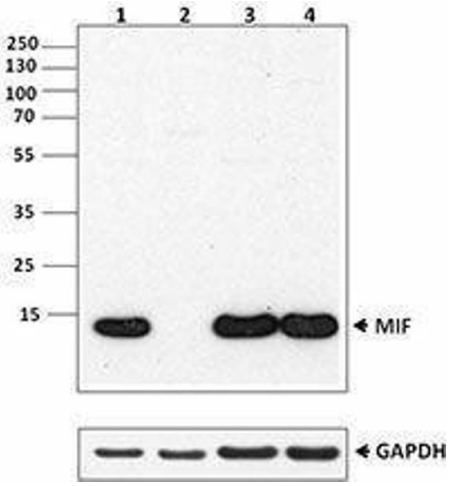


ELISA

Image 1.



Western Blotting

Image 2.

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