

Product Datasheet

MIF Antibody (2A10-4D3) H00004282-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00004282-M01

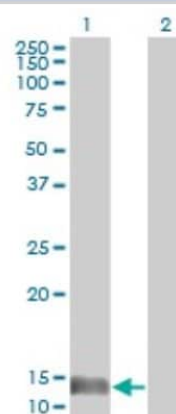
MIF Antibody (2A10-4D3)

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2A10-4D3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4282
Gene Symbol	MIF
Species	Human
Specificity/Sensitivity	MIF - macrophage migration inhibitory factor (glycosylation-inhibiting factor)
Immunogen	MIF (AAH00447.1, 1 a.a. ~ 115 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPMFIVNTNVPRASVPDGFSELSTQQLAQATGKPPQYIAVHVVPDQLMAFGGS SEPCALCSLHSIGKIGGAQNRSYSKLLCGLLAERLRISPDRVYINYYDMNAANV GWNNSTFA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Sandwich ELISA
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for IHC-P and ELISA.

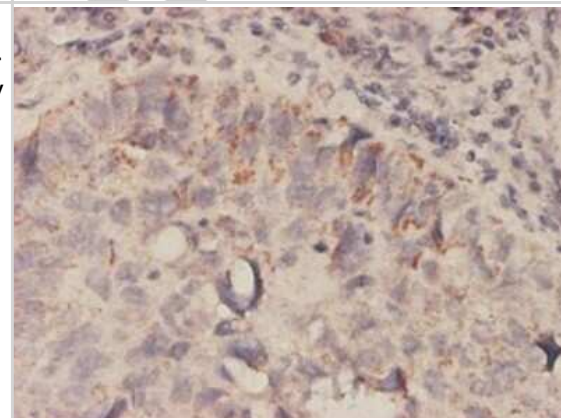


Images

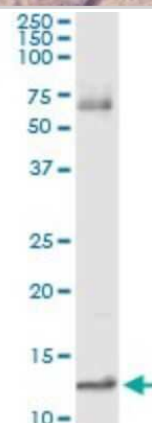
Western Blot: MIF Antibody (2A10-4D3) [H00004282-M01] - Analysis of MIF expression in transfected 293T cell line by MIF monoclonal antibody (M01), clone 2A10-4D3. Lane 1: MIF transfected lysate(12.5 KDa). Lane 2: Non-transfected lysate.



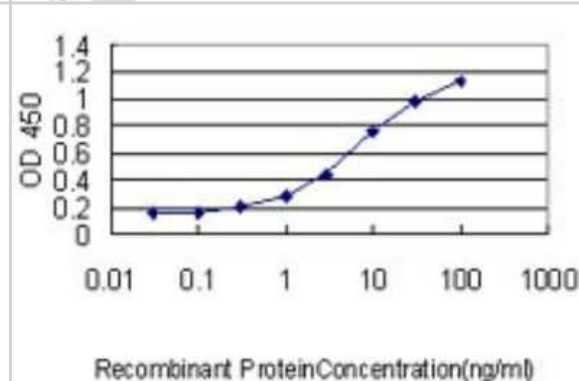
Immunohistochemistry-Paraffin: MIF Antibody (2A10-4D3) [H00004282-M01] - Analysis of monoclonal antibody to MIF on formalin-fixed paraffin-embedded human lung, adenosquamous cell carcinoma tissue. Antibody concentration 1 ~ 10 ug/ml.



Immunoprecipitation: MIF Antibody (2A10-4D3) [H00004282-M01] - Analysis of MIF transfected lysate using anti-MIF monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with MIF MaxPab rabbit polyclonal antibody.



Sandwich ELISA: MIF Antibody (2A10-4D3) [H00004282-M01] - Detection limit for recombinant GST tagged MIF is approximately 0.1ng/ml as a capture antibody.



Publications

Hawkins O, Verma B, Lightfoot S et al. An HLA-Presented Fragment of Macrophage Migration Inhibitory Factor Is a Therapeutic Target for Invasive Breast Cancer. J Immunol. 2011-04-22 [PMID: 21515791]

Goh SH, Hong SH, Hong SH et al. eIF3m expression influences the regulation of tumorigenesis-related genes in human colon cancer. Oncogene. 2010-09-13 [PMID: 20838379]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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