

产品名称: MIF Rabbit Polyclonal Antibody
产品货号: APRab13901



产品概述 (Summary)

产品名称 (Production Name)	MIF Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MIF MIF; GLIF; MMIF; Macrophage migration inhibitory factor; MIF; Glycosylation-inhibiting factor; GIF; L-dopachrome isomerase; L-dopachrome tautomerase; Phenylpyruvate tautomerase
别名 (Alternative Names)	
基因 ID (Gene ID)	4282.0
蛋白 ID (SwissProt ID)	P14174.The antiserum was produced against synthesized peptide derived from human MIF. AA range:25-74

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	12kDa

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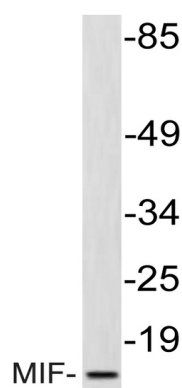
研究背景 (Background)

This gene encodes a lymphokine involved in cell-mediated immunity, immunoregulation, and inflammation. It plays a role in the regulation of macrophage function in host defense through the suppression of anti-inflammatory effects of glucocorticoids. This lymphokine and the JAB1 protein form a complex in the cytosol near the peripheral plasma membrane, which may indicate an additional role in integrin signaling pathways. [provided by RefSeq, Jul 2008], catalytic activity: Keto-phenylpyruvate = enol-phenylpyruvate., disease: Genetic variations in MIF are associated with susceptibility to systemic juvenile rheumatoid arthritis [MIM:604302]. Systemic juvenile rheumatoid arthritis is juvenile chronic arthritis associated with severe, debilitating, extraarticular features, and occasionally fatal complications. Despite medical treatment, many children still experience early joint destruction, necessitating surgical replacement., function: The expression of MIF at sites of inflammation suggest a role for the mediator in regulating the function of macrophage in host defense. Also acts as a phenylpyruvate tautomerase., similarity: Belongs to the MIF family., subunit: Homotrimer. Interacts with COPS5 and BNIPL.,

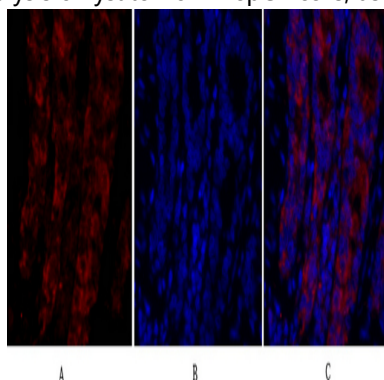
研究领域 (Research Area)

Tyrosine metabolism; Phenylalanine metabolism;

图片 (Image Data)



Western blot analysis of lysate from HepG2 cells, using MIF antibody.



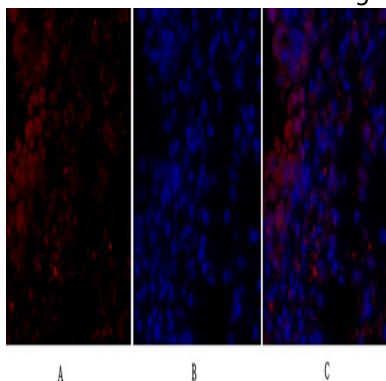
Immunofluorescence analysis of rat-lung tissue. 1, MIF Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2,

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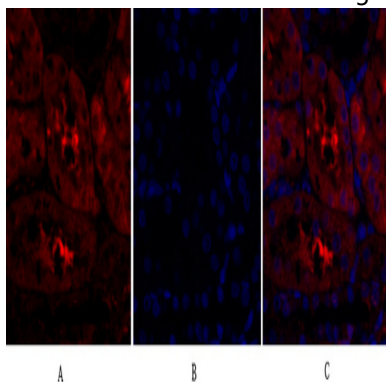
Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min) .3, Picture B: DAPI (blue) 10min. Picture

A:Target. Picture B: DAPI. Picture C: merge of A+B



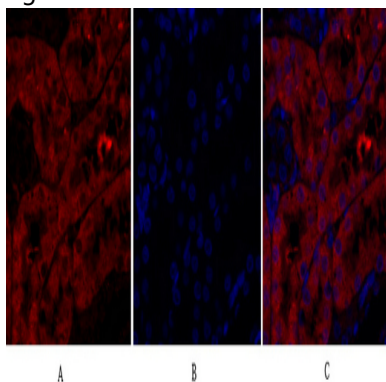
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Immunofluorescence analysis of rat-kidney tissue. 1,MIF Polyclonal Antibody (red) was diluted at 1:200 (4°C,overnight) . 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min) .3, Picture B: DAPI (blue) 10min.

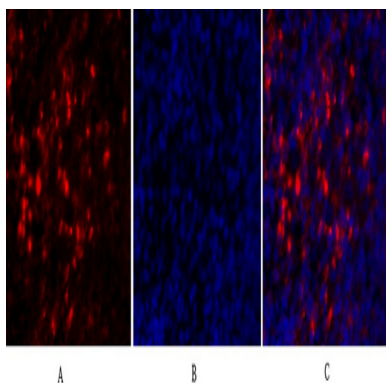
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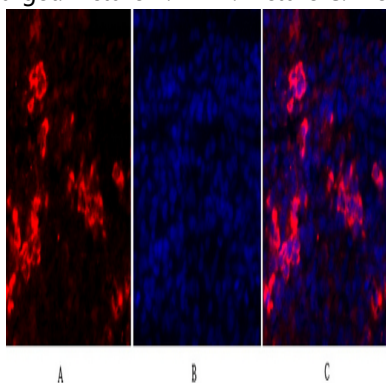
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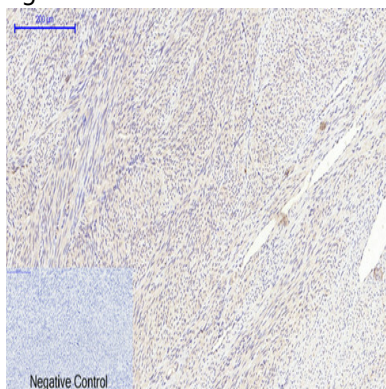
Immunofluorescence analysis of rat-spleen tissue. 1, MIF Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight).
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Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



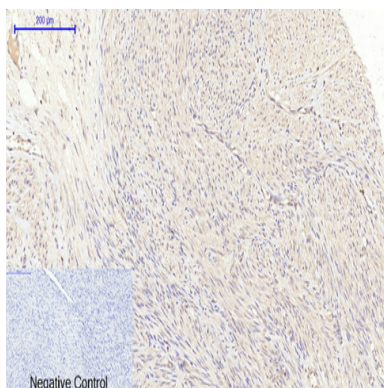
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Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Human-uterus tissue. 1, MIF Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.

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Immunohistochemical analysis of paraffin-embedded Human-uterus-cancer tissue. 1,MIF Polyclonal Antibody was diluted at 1:200 (4°C,overnight) . 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C,20min) . 3,Secondary antibody was diluted at 1:200 (room tempeRature, 30min) . Negative control was used by secondary antibody only.

注意事项 (Note)

For research use only .