

For Research Use Only

# MSC Polyclonal antibody

Catalog Number: 25028-1-AP



## Basic Information

Catalog Number:	25028-1-AP	GenBank Accession Number:	BC006313	Purification Method:	Antigen affinity purification
Size:	1000 ug/ml	GeneID (NCBI):	9242	Recommended Dilutions:	WB 1:200-1:1000 IHC 1:50-1:500
Source:	Rabbit	UNIPROT ID:	O60682		
Isotype:	IgG	Full Name:	musculin (activated B-cell factor-1)		
Immunogen Catalog Number:	AG13489	Calculated MW:	22 kDa		
		Observed MW:	22 kDa		

## Applications

Tested Applications:	WB, IHC, ELISA	Positive Controls:	
Species Specificity:	human, mouse	WB :	mouse spleen tissue, mouse thymus tissue
		IHC :	human lymphoma tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>			

## Background Information

MSC, also named as Musculin, is a 206 amino acid protein, which contains 1 bHLH (basic helix-loop-helix) domain. MSC localizes in the nucleus and as a transcription repressor is capable of inhibiting the transactivation capability of TCF3/E47. MSC may play a role in regulating antigen-dependent B-cell differentiation.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

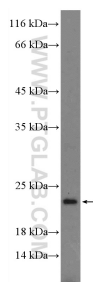
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

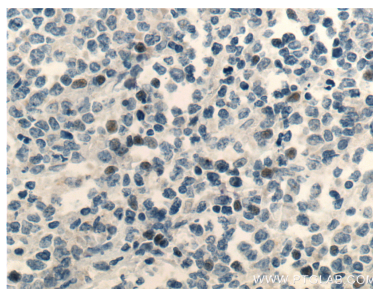
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## Selected Validation Data



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 25028-1-AP (MSC Antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 25028-1-AP (MSC Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).