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Datasheet for ABIN334437 anti-Musculin antibody (C-Term)

Image



Overview

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

Product Details

Purpose:	MSC / ABF1	
Immunogen:	Peptide with sequence C-PLKSDWNSLDGIIR, from the C Terminus of the protein sequence according to AAC15071.1.	
Sequence:	PLKSDWNSLD GIIR	
Isotype:	lgG	
Cross-Reactivity:	Human	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	
Grade:	Verified	

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Target Details		
Target:	Musculin (MSC)	
Alternative Name:	MSC (MSC Products)	
Background:	MSC, musculin (activated B-cell factor-1), ABF1, MYOR, ABF-1, musculin, activated B-cell factor 1, activated B-cell factor 1, homolog of mouse musculin, bHLHa22	
Gene ID:	9242	
Application Details		
Application Notes:	Western Blot: Approx 25 kDa band observed in Human Bone Marrow lysates (calculated MW of 23.6 kDa according to AAC15071.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.	
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	
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.	

	250kDa 150kDa	Western Blotting
	100kDa 75kDa	Image 1. ABIN334437 (1 μ g/ml) staining of Human Bone
	50kDa	Marrow lysate (35µg protein in RIPA buffer). Primary
	37kDa	incubation was 1 hour. Detected by chemiluminescence.
-	25kDa	
	20kDa	
	15kDa	

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