

Datasheet for ABIN1539937
anti-HMGB2 antibody (AA 64-92)



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1 Image

Overview

Quantity:	0.1 mL
Target:	HMGB2
Binding Specificity:	AA 64-92
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HMGB2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HMG2 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 64-92 amino acids from human HMGB2.
Clone:	523ct16-1-1
Isotype:	IgG2b
Predicted Reactivity:	M
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Target Details

Target:	HMGB2
Alternative Name:	HMG2 (HMGB2 Products)

Target Details

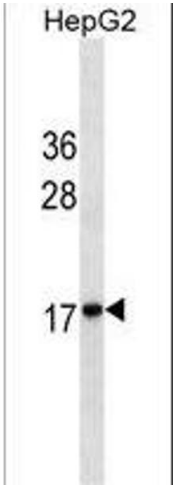
Background:	This gene encodes a protein that belongs to the non-histone chromosomal high mobility group (HMG) protein family. HMG proteins function as architectural factors and are essential components of the enhancesome. This protein contains structural DNA-binding domains and may act as a transcriptional regulating factor. Identification of the deletion, amplification, and rearrangement of this gene that are associated with myxoid liposarcoma suggests a role in adipogenesis and mesenchymal differentiation. A gene knock out study of the mouse counterpart demonstrated that this gene is involved in diet-induced obesity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Molecular Weight:	11832
Gene ID:	8091
NCBI Accession:	NP_003474 , NP_003475
UniProt:	P52926
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	WB: 1:500~8000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Mouse monoclonal antibody supplied in crude ascites with 0.09 % (W/V) 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, -20 °C
Storage Comment:	HMG2 Antibody(Ascites) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. HMG2 Antibody ABIN1539937 western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the HMG2 antibody detected the HMG2 protein (arrow).