

Product Name: HMG2 Mouse Monoclonal Antibody**Catalog #: AMM85934**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:8000
Molecular Weight	11.8kDa

Antigen Information

Gene Name	HMG2
Alternative Names	High mobility group protein HMGI-C, High mobility group AT-hook protein 2, HMGA2, HMGIC
Gene ID	8091.0
SwissProt ID	P52926
Immunogen	This HMG2 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 64-92 amino acids from human HMG2.

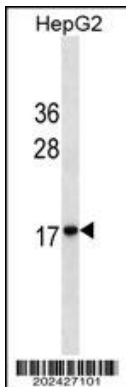
Background

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 enhancerosome. 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.

Research Area

Image Data



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