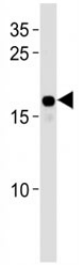
HMGA2 Antibody (F49146)

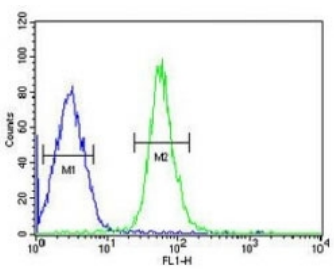
Catalog No.	Formulation	Size
F49146-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49146-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P52926
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
Limitations	This HMGA2 antibody is available for research use only.



HMGA2 antibody western blot analysis in HepG2 lysate. Predicted molecular weight ~12kDa but routinely observed at ~18kDa.



HMGA2 antibody flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

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.

Application Notes

Titration of the HMGA2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 64-92 from the human protein was used as the immunogen for this HMGA2 antibody.

Storage

Aliquot the HMGA2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.