

HMGN1 rabbit monoclonal antibody

Catalog # H00003150-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HMGN1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human HMGN1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human HMGN1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — HMGN1

Entrez GeneID	3150
GeneBank Accession#	HMGN1
Gene Name	HMGN1
Gene Alias	FLJ27265, FLJ31471, HMG14, MGC104230, MGC117425
Gene Description	high-mobility group nucleosome binding domain 1
Omim ID	163920
Gene Ontology	Hyperlink
Gene Summary	Chromosomal protein HMG14 and its close analog HMG17 (MIM 163910) bind to the inner side of the nucleosomal DNA, potentially altering the interaction between the DNA and the histone octamer. The 2 proteins may be involved in the process that maintains transcribable genes in a unique chromatin conformation. Their ubiquitous distribution and relative abundance, as well as the high evolutionary conservation of the DNA-binding domain of the HMG14 family of proteins, suggest that they may be involved in an important cellular function.[supplied by OMIM]
Other Designations	OTTHUMP00000068966 high-mobility group (nonhistone chromosomal) protein 14 high-mobility group nucleosome binding 1 nonhistone chromosomal protein HMG-14