Product datasheet for TA384438M

HMGA1 Rabbit Monoclonal Antibody [Clone ID: R01-9D3]

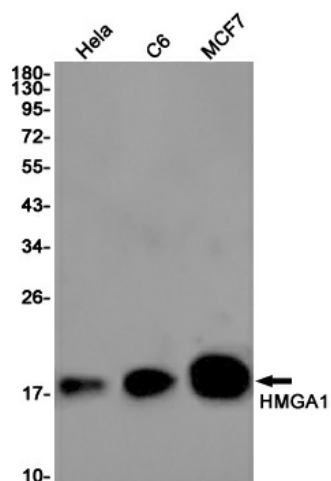## Product data:

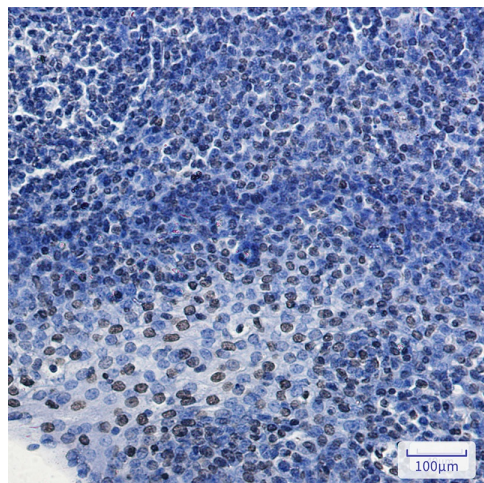|	
Product Type:	Primary Antibodies
Clone Name:	R01-9D3
Applications:	IF, IHC, IP, WB
Recommended Dilution:	WB: 1/1000 IHC: 1/200 ICC/IF: 1/100 IP: 1/20
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human HMGA1
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 12 kDa; Observed MW: 18 kDa
Gene Name:	high mobility group AT-hook 1
Database Link:	Entrez Gene 3159 Human P17096
Background:	Swiss-Prot Acc.P17096.HMG-I/Y bind preferentially to the minor groove of A+T rich regions in double-stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close proximity to A+T-rich regions.RegionsFeature keyPosition(s)Description

View online »

ORIGENE

Synonyms: HMG-I(Y); HMG-R; HMGA1A; HMGIY; MGC4242; MGC4854; MGC12816; OTTHUMP00000016223; OTTHUMP00000016224
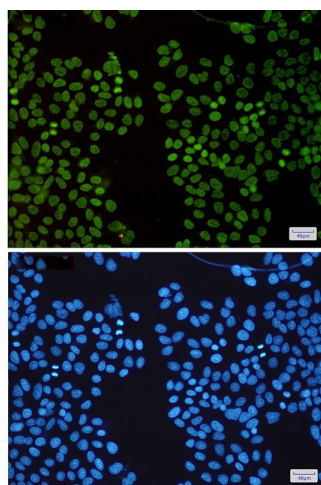
Product images:

Western blot analysis of HMGA1 in Hela, C6, MCF-7 lysates using HMGA1 antibody.

Immunohistochemistry analysis of paraffin-embedded Human tonsil using HMGA1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Immunocytochemistry analysis of HMGA1(green) in Hela using HMGA1 antibody,and DAPI(blue)