For Research Use Only

HMGB1 Monoclonal antibody

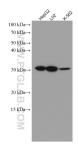
Catalog Number:66525-1-lg 43 Publications



Basic Information	Catalog Number: 66525-1-lg	GenBank Accession Number: BC003378	Purification Method: Protein A purification
	Size:	GenelD (NCBI):	CloneNo.:
	150ul , Concentration: 1900 ug/ml by	3146	1D12A6
	Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	^J UNIPROT ID: P09429	Recommended Dilutions: WB 1:1000-1:6000
	Source: Mouse	Full Name:	
	lsotype:	high-mobility group box 1 Calculated MW:	
	lgG1	25 kDa	
	Immunogen Catalog Number: AG1264	Observed MW: 30 kDa	
Applications	Tested Applications:	Positive C	Controls:
	WB, ELISA Cited Applications: WB, IHC, IP, CoIP, ELISA	WB : HepG2 cells, HeLa cells, Jurkat cells, NIH/3T3 cells, LO2 cells, K-562 cells	
	Species Specificity: human, mouse		
	Cited Species: human, mouse, rat		
Background Information	eukaryotic cells, and it functions to sta	abilize NUCLEOSOME formation a	roteins that is present in almost all and acts as a transcription-factor-like protei injury, infection or other inflammatory
background information	eukaryotic cells, and it functions to sta that regulates the expression of sever stimuli, activated macrophages, matu crucial cytokine[PMID: 20163887]. HM complex, stimulating cleavage and R sequences (RSS)[PMID: 19360789]. Ac cytoplasmic processes in developing nucleus, but certain immune cells sec HMGB1 relocalizes to the extracellula	abilize NUCLEOSOME formation a ral genes[PMID: 18160415]. Once ire dendritic cells and natural kille IGB1 also involved in V(D)J recom AG protein binding at the 23 bp sp tt as a Heparin-binding protein tha cells. HMGB1 (high mobility group rete HMGB1 as an extracellular AI r milieu in senescent human and n TLR-4 signaling (23649808).This	and acts as a transcription-factor-like protei injury, infection or other inflammatory er cells can secret HMGB1, which act as a abination by acting as a cofactor of the RAG bacer of conserved recombination signal at has a role in the extension of neurite-typ o box 1) modulates gene expression in the armin to signal tissue damage. The nuclear mouse cells in culture and in vivo, which antibody is raised against full length HMG
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66525-1-Ig (HMGB1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.