



# HMG-1 (Acetyl Lys82) rabbit pAb

Cat No.:ES20102

For research use only

## Overview

<b>Product Name</b>	HMG-1 (Acetyl Lys82) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB; ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human HMG-1 (Acetyl Lys82)
<b>Specificity</b>	This antibody detects endogenous levels of Human,Mouse,Rat HMG-1 (Acetyl Lys82)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	HMG-1 (Acetyl Lys82)
<b>Gene Name</b>	HMGB1 HMG1
<b>Cellular localization</b>	Nucleus . Chromosome . Cytoplasm . Secreted . Cell membrane ; Peripheral membrane protein ; Extracellular side . Endosome . Endoplasmic reticulum-Golgi intermediate compartment . In basal state predominantly nuclear. Shuttles between the cytoplasm and the nucleus (PubMed:12231511, PubMed:17114460). Translocates from the nucleus to the cytoplasm upon autophagy stimulation (PubMed:20819940). Release from macrophages in the extracellular milieu requires the activation of NLRC4 or NLRP3 inflammasomes (By similarity). Passively released to the extracellular milieu from necrotic cells by diffusion, involving the fully reduced HGMB1 which subsequently gets oxidized (PubMed:19811284). Also released from apoptotic cells (PubMed:16855214, PubMed:18631454). Active secretion from a variety of immune a
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using





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<b>Clonality</b>	epitope-specific immunogen. Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	about 30kd
<b>Human Gene ID</b>	3146
<b>Human Swiss-Prot Number</b>	P09429
<b>Alternative Names</b>	High mobility group protein B1 (High mobility group protein 1;HMG-1)
<b>Background</b>	function: Binds preferentially single-stranded DNA and unwinds double stranded DNA.,similarity: Belongs to the HMGB family.,similarity: Contains 2 HMG box DNA-binding domains.,



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