

Datasheet for ABIN363507

anti-HMGB1 antibody (AA 100-200)[Go to Product page](#)**2** Images

Overview

Quantity:	0.1 mL
Target:	HMGB1
Binding Specificity:	AA 100-200
Reactivity:	Human, Mouse, Rat, Cow, Dog, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Synthetic peptide made to an internal portion of the human HMGB1 protein sequence (between residues 100-200)
Specificity:	Reacts with HMGB1 protein from Human, Mouse, Rat, Bovine, Canine, Sheep
Cross-Reactivity (Details):	predicted to cross react with Equine, Rabbit, Porcine (100 %).
Purification:	Purified

Target Details

Target:	HMGB1
Abstract:	HMGB1 Products

Target Details

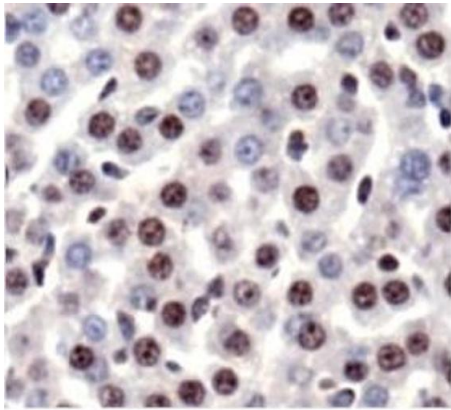
Background:	HMGB1 is a DAMP involved in innate immune response. It is secreted by activated dendritic cells, macrophages and necrotic cells.
Gene ID:	3146
Pathways:	p53 Signaling , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Positive Regulation of Endopeptidase Activity , Regulation of Carbohydrate Metabolic Process , Toll-Like Receptors Cascades , Smooth Muscle Cell Migration , Inflammasome

Application Details

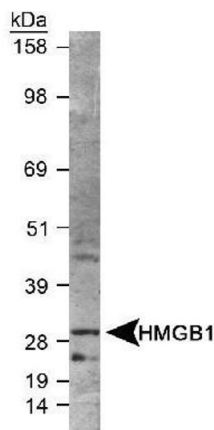
Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only: WB(0.5 - 1.0 µg/mL) FC(1:100) ICC/IF(0.05 µg/mL) IHC (1:100-1:250)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.06 mg/mL
Buffer:	Tris-glycine, NaCl 150 mM buffer, Sodium azide 0.1 %
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Short term storage at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.
Expiry Date:	6 months



Staining of HMGB1 in mouse liver using pab50198



Detection of HMGB1 in whole cell HeLa lysate using pab50198



Image 1.



Image 2.