

Datasheet for ABIN7267647

anti-HMGB1 antibody (acLys29)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µL
Target:	HMGB1
Binding Specificity:	acLys29
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	[KO Validated] Acetyl-HMGB1-K29 Rabbit pAb
Immunogen:	A synthetic acetylated peptide around K29 of human HMGB1.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Acetylated Antibodies
Purification:	Affinity purification
Grade:	KO Validated

Target Details

Target:	HMGB1
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Target Details

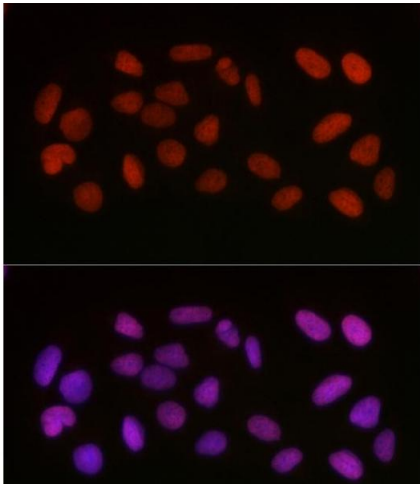
Alternative Name:	HMGB1 (HMGB1 Products)
Background:	This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein.,HMG-1,HMG1,HMG3,SBP-1,HMGB1,Epigenetics & Nuclear Signaling,Histones,RNA Binding,Cell Biology & Developmental Biology,Apoptosis,HMGB1
Molecular Weight:	24kDa
Gene ID:	3146
UniProt:	P09429
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:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

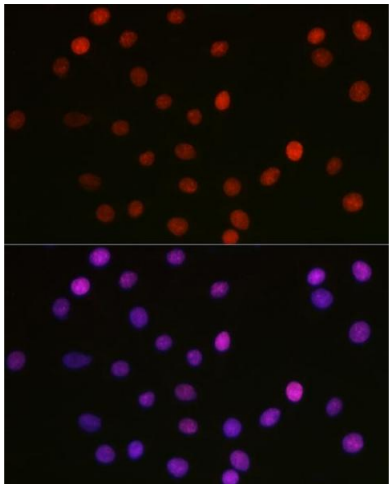
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



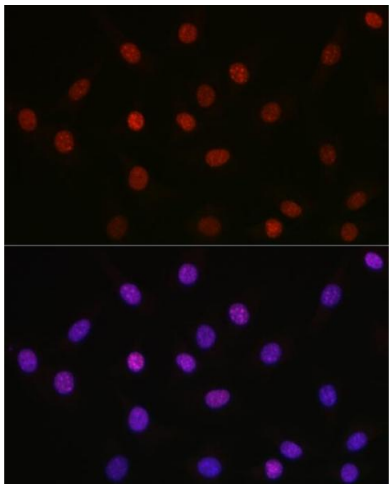
Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using [KO Validated] Acetyl-HMGB1-K29 Rabbit pAb (ABIN7267647) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence

Image 2. Immunofluorescence analysis of C6 cells using [KO Validated] Acetyl-HMGB1-K29 Rabbit pAb (ABIN7267647) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence

Image 3. Immunofluorescence analysis of NIH-3T3 cells using [KO Validated] Acetyl-HMGB1-K29 Rabbit pAb (ABIN7267647) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.