

Datasheet for ABIN934042

anti-HMGB1 antibody (AA 1-215)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	HMGB1
Binding Specificity:	AA 1-215
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	HMGB1 antibody was raised in mouse using recombinant human HMGB1 (1-215aa) purified from Trichoplusia ni insect cells as the immunogen.
Clone:	J2E1
Isotype:	IgG2b kappa
Purification:	HMGB1 antibody was purified by protein-G affinity chromatography

Target Details

Target:	HMGB1
Alternative Name:	HMGB1 (HMGB1 Products)
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

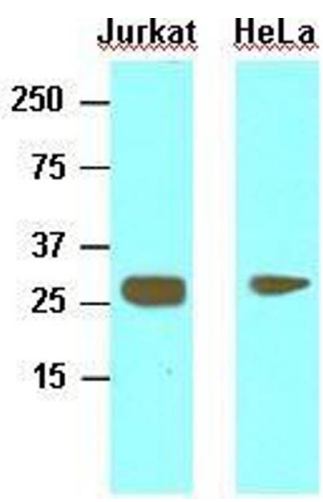
Application Details

Application Notes:	IHC: 1:100-1:300, WB: 1:500-1:2,000
Restrictions:	For Research Use only

Handling

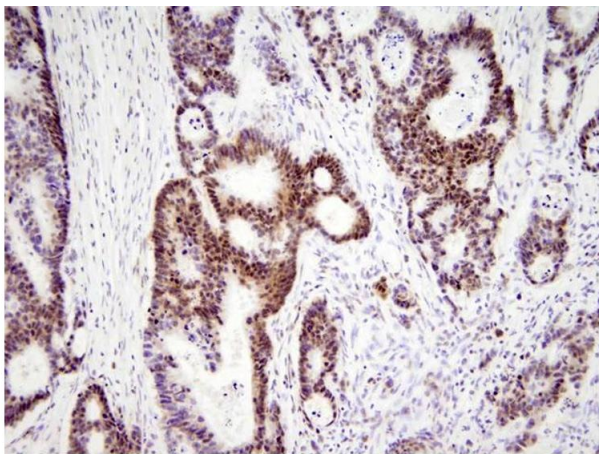
Format:	Liquid
Concentration:	Lot specific
Buffer:	as a liquid PBS, pH 7.4, with 0.1 % NaN3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles
Storage:	-20 °C
Storage Comment:	Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.

Images



Western Blotting

Image 1. Cell lysates of Jurkat and HeLa (30 ug) were resolved by SDS-PAGE, transferred to nitrocellulose membrane and probed with anti-human HMGB1 (1:1,000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Human colon cancer tissue

Immunohistochemistry

Image 2. Paraffin embedded sections of human colon cancer tissue were incubated with anti-human HMGB1 (1:200) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB)