

Datasheet for ABIN7640261 **anti-HMGB1 antibody**



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Overview

Quantity:	100 µL
Target:	HMGB1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HMGB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to High Mobility Group Protein 1 (HMGB1)
Immunogen:	RPA399Hu01Recombinant High Mobility Group Protein 1 (HMGB1)
Clone:	C5
Specificity:	The antibody is a mouse monoclonal antibody raised against HMGB1. It has been selected for its ability to recognize HMGB1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	HMGB1
Alternative Name:	HMGB1 (HMGB1 Products)

Target Details

Background: HMG1, HMG3, SBP1, Sulfoglucuronyl Carbohydrate Binding Protein, Amphoterin, High Mobility Group Box 1 Protein

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: Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunofluorescence: 5-30 µg/mL, Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.