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Datasheet for ABIN6989665
anti-HMGN2 antibody

Overview

Quantity:	100 µL
Target:	HMGN2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HMGN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Synthetic Peptide within N terminal human HMGN2.
Clone:	8H5
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	HMGN2
Alternative Name:	HMGN2 (HMGN2 Products)
Background:	Synonyms: High mobility group (nonhistone chromosomal) protein 17 antibody, high mobility

Target Details

group nucleosomal binding domain 2 antibody, High mobility group nucleosome-binding domain-containing protein 2 antibody, High mobility group protein N2 antibody, HMG17 antibody, HMGN2 antibody, HMGN2_HUMAN antibody, MGC5629 antibody, Non histone chromosomal protein HMG 17 antibody, Non-histone chromosomal protein HMG-17 antibody, Nonhistone chromosomal protein HMG 17 antibody, nonhistone chromosomal protein hmg-17 antibody

Background: The high-mobility group (HMG) proteins 14 and 17 are abundant chromosomal proteins that bind to nucleosomes and enhance transcription (15). HMG-14 and HMG-17 also function as architectural elements, which alter the structure of the chromatin fiber and enhance transcription from chromatin templates (13,5). HMG-14/17 proteins modify the nucleosomal organization of the 30 nm chromatin fiber and mediate the unfolding of the higher order chromatin structure thereby facilitating access to the underlying DNA sequence (13). Clustering of architectural elements, such as HMG proteins and linker histone subtypes into distinct domains, may lead to structural and functional heterogeneity along the chromatin fiber (13). In addition, HMG-14 and HMG-17 have been identified as constitutive components of mouse oocyte and embryonic chromatin that establish a link between the structure of embryonic chromatin and the normal progression of embryonic development (2).

Gene ID: 3151

UniProt: [P05204](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months