HMGN1 IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_004956.5

Catalog No. IHC-00670 GenelD 3150

Lot No. IHC-00670-1

APPLICATIONS IHC, IHC-IF

SPECIES REACTIVITY Human, Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Dog, Horse, Pig,

Panda, Orangutan, Monkey, Gorilla, Chimpanzee, Northern white-cheeked gibbon and Small-

eared galago

AMOUNT 100 μl

CONCENTRATION 50 µg/ml

STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to HMGN1 immobilized on solid support.

The epitope recognized by IHC-00670 maps to a region between residue 90 and 100 of human high-mobility group nucleosome binding domain 1 using the numbering given in entry

NP_004956.5 (GeneID 3150).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined

experimentally by the investigator. Prepare working dilution immediately before use.

Immunohistochemistry 1:100 - 1:500

Immunofluorescence 1:50 – 1:500

(IHC)

APPLICATION NOTES Epitope exposure is recommended.

Epitope exposure with citrate buffer will enhance staining.

Likely to work with frozen sections.

In some cases, the antibody may be diluted further than indicated.

IHC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma, Non-Small Cell Lung Cancer, Ovarian Carcinoma, Prostate

Carcinoma, Skin Squamous Cell Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma

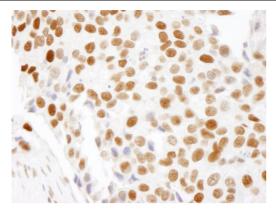
IHC MOUSE CONTROLS Renal Cell Carcinoma, Teratoma

ADDITIONAL INFO https://www.bethyl.com/product/IHC-00670

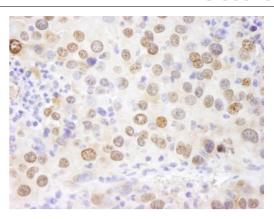
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

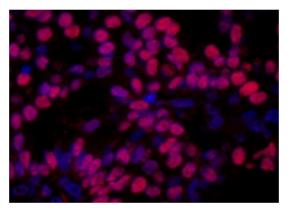




Detection of human HMGN1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-HMGN1 (Cat. No. IHC-00670) used at a dilution of 1:250. Detection: DAB



Detection of mouse HMGN1 by immunohistochemistry. *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti-HMGN1 (Cat. No. IHC-00670) used at a dilution of 1:250. *Detection:* DAB



Detection of human HMGN1 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-HMGN1 (Cat. No. IHC-00670) used at a dilution of 1:100. *Detection:* Redfluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody used at a dilution of 1:100.