## HMGXB4/HMG2L1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q9UGU5.2

Catalog No. A305-022A GeneID 10042

Lot No. A305-022A-1

APPLICATIONS IP

**SPECIES REACTIVITY** Human 100 μl

CONCENTRATION 1000 μg/ml

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

PHYSICAL STATE Liquid

BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

**PRODUCTION** Antibody was affinity purified using an epitope specific to HMGXB4/HMG2L1 immobilized on

**PROCEDURES** solid support.

The epitope recognized by A305-022A maps to a region between residue 551 to 601 of human

HMG domain-containing protein 4 using the numbering given in entry Q9UGU5.2 (GenelD

10042).

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

equals 1.0 mg of IaG.

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

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

Western Blot Not recommended. A305–022A has not performed satisfactorily when

used for WB of HMGXB4/HMG2L1 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g.

immunoprecipitated) sources of HMGXB4/HMG2L1.

Immunoprecipitation  $2 - 10 \mu g/mg$  lysate

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020),

Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

ADDITIONAL INFO https://www.bethyl.com/product/A305-022A

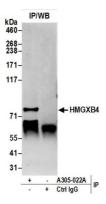
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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 HMGXB4 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HMGXB4 antibody A305-022A (lot A305-022A-1) used for IP at 6 μg per reaction. For blotting immunoprecipitated HMGXB4, A305-022A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.