

#M55002

High mobility group protein B1 Mouse mAb for Cow

- 50 µl
- 100 µl
- 200 µl

Abmart

Orders ■ 400-6123-828
orders@ab-mart.com
Web ■ www.ab-mart.com.cn

DESCRIPTION

High mobility group protein B1 encoded by the gene HMGB1 belongs to high mobility group and contains HMG-box domain. Like the histones, the protein is among the most important chromatin proteins. In the nucleus it interacts with nucleosomes, transcription factors, and histones. This nuclear protein organizes the DNA and regulates transcription. After binding, the protein bends DNA, which facilitates the binding of other proteins. The protein has been shown to play an important role in helping the RAG endonuclease form a paired complex during V(D)J recombination.

SOURCE

This Abmart monoclonal antibody is produced by immunizing mice with a polypeptide (Abmart SEAL mAb technology) corresponding to high mobility group protein B1.

STORAGE

Store at -20°C, stable for one year from the date of shipment.

ALIASES

HMGB1

REACTIVITY

Bos taurus

ISOTYPE

Mouse IgG

PREDICTED MOLECULAR WEIGHT

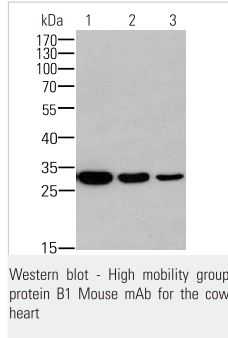
25 KDa

RECOMMEND ANTIBODY DILUTIONS

Western blotting 1:1000-1:5000

***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

APPLICATION DATA



COMPANION PRODUCTS

#M21001 Goat Anti-Mouse IgG-HRP
#M55004 Interferon-inducible GTPase 5 Mouse mAb for Cow
#M55005 Protein TESPA1 isoform X4 Mouse mAb for Cow
#M55007 Werner syndrome ATP-dependent helicase Mouse mAb for Cow

All lanes : High mobility group protein B1 Mouse mAb for the cow heart at different dilution

Lane 1 : 1/1000 dilution

Lane 2 : 1/2000 dilution

Lane 3 : 1/5000 dilution

Lysates/proteins at 20 µg per lane.

Secondary

Goat Anti-Mouse IgG-HRP, 5% skim milk conjugated at 1/10000 dilution

Predicted band size : 25 kDa

Observed band size : 31 kDa

Blocking/Dilution buffer : 1× PBS.

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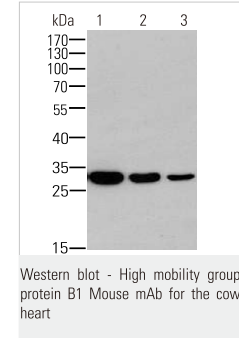
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Applications Key: WB—Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, ChIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

rev.2017-1

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