

HMGB1 Rabbit monoclonal antibody

Catalog: BS9816M

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

High mobility group (HMG) proteins 1 and 2 are ubiquitous non-histone components of chromatin. Research suggests that the binding of HMG proteins to DNA induces alterations in the DNA architecture, including DNA bending and unwinding of the helix. HMG proteins synergize with Oct-2, ATF-2, c-Jun and members of the NF κ B family to activate transcription.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 25 kDa

Swiss-Prot:

P09429

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:5000

IHC/ICC/IF: 1:50-1:200

FC: 1:10-1:100

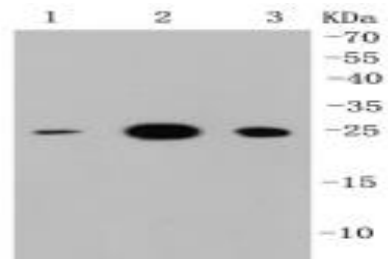
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

This antibody detects endogenous levels of HMGB1 and does not cross-react with related proteins.

DATA:

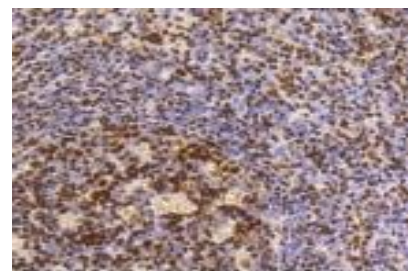


Western blot (WB) analysis of HMGB1 Rabbit mAb at 1:1000 dilution

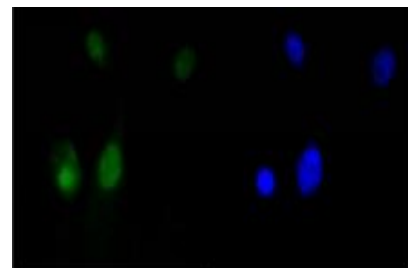
Lane1:MCF-7 whole cell lysate

Lane2:PC12 whole cell lysate

Lane3:F9 whole cell lysate



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-HMGB1 antibody. Counter stained with hematoxylin.



ICC staining HMGB1 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue).

Note:

For research use only, not for use in diagnostic procedure.

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