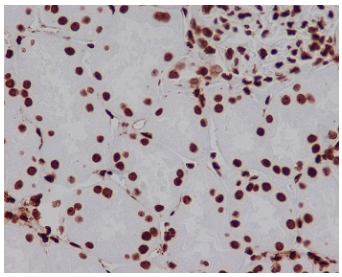
HMGB1 Antibody [clone AAC-8] (RQ5274)

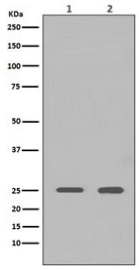
Catalog No.	Formulation	Size
RQ5274	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AAC-8
Purity	Affinity purified
UniProt	P09429
Localization	Nuclear, cytoplasmic, cell membrane, extracellular
Applications	Western blot: 1:1000-1:2000 Immunohistochemistry (FFPE): 1:50-1:100
Limitations	This HMGB1 antibody is available for research use only.



IHC staining of FFPE human kidney tissue with HMGB1 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Western blot testing of 1) human HeLa and 2) rat brain lysate with HMGB1 antibody. Predicted molecular weight ~25 kDa.

Description

High mobility group protein B1 is a multifunctional redox sensitive protein with various roles in different cellular compartments. In the nucleus is one of the major chromatin-associated non-histone proteins and acts as a DNA chaperone involved in replication, transcription, chromatin remodeling, V(D)J recombination, DNA repair and genome stability. [UniProt]

Application Notes

Optimal dilution of the HMGB1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human HMGB1 was used as the immunogen for the HMGB1 antibody.

Storage

Store the HMGB1 antibody at -20oC.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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