

For Research Use Only

HMGB1 Recombinant antibody

Catalog Number: 82973-1-RR



Basic Information

Catalog Number:

82973-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1264

GenBank Accession Number:

BC003378

GeneID (NCBI):

3146

UNIPROT ID:

P09429

Full Name:

high-mobility group box 1

Calculated MW:

25 kDa

Observed MW:

25-30 kDa

Purification Method:

Protein A purification

CloneNo.:

230182G6

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

IF 1:125-1:500

Applications

Tested Applications:

WB, IF/ICC, IHC, ELISA

Species Specificity:

Human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: L02 cells, Jurkat cells, HEK-293 cells, K-562 cells, HCT 116 cells, mouse brain tissue, rat brain tissue

IHC: mouse brain tissue,

IF: HeLa cells,

Background Information

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

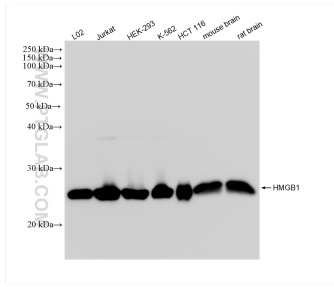
T: 4006900926

E: Proteintech-CN@ptglab.com

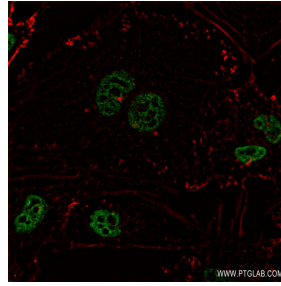
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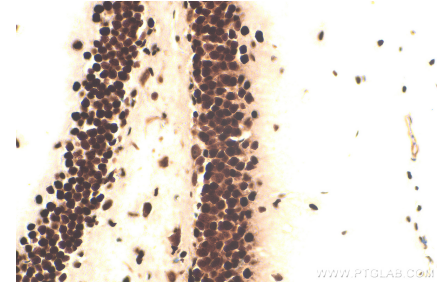
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82973-1-RR (HMGB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HMGB1 antibody (82973-1-RR, Clone: 230182G6) at dilution of 1:250 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). CoraLite® 594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 82973-1-RR (HMGB1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).