

For Research Use Only

HMGB1 Recombinant antibody

Catalog Number: 82973-1-RR



Basic Information

Catalog Number: 82973-1-RR	GenBank Accession Number: BC003378	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3146	CloneNo.: 230182G6
Source: Rabbit	UNIPROT ID: P09429	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:125-1:500
Isotype: IgG	Full Name: high-mobility group box 1	
Immunogen Catalog Number: AG1264	Calculated MW: 25 kDa	
	Observed MW: 25-30 kDa	

Applications

Tested Applications:

WB, IF, 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,

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

***** 20ul sizes contain 0.1%BSA**

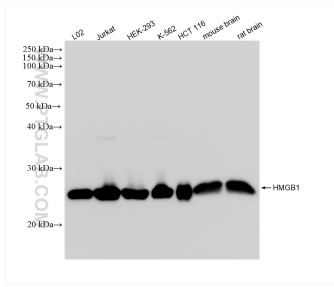
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

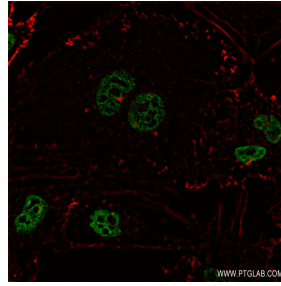
E: proteintech@ptglab.com
W: [ptglab.com](http://www.ptglab.com)

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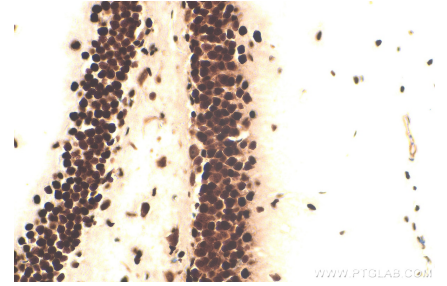
Selected Validation Data



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).