

For Research Use Only

HNRNPAB Recombinant antibody, PBS Only (Capture)

Catalog Number: 84207-1-PBS

Featured Product



Basic Information

Catalog Number:

84207-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35010

GenBank Accession Number:

BC036708

GeneID (NCBI):

3182

UNIPROT ID:

Q99729

Full Name:

heterogeneous nuclear ribonucleoprotein A/B

Calculated MW:

36 kDa

Observed MW:

36-42 kDa

Purification Method:

Protein A purification

CloneNo.:

241462B1

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), Cytometric bead array, Indirect ELISA

Species Specificity:

human

Product Information

84207-1-PBS targets HNRNPAB as part of a matched antibody pair.

MP01139-1: 84207-1-PBS capture and 84207-2-PBS detection (validated in Cytometric bead array)

MP01139-2: 84207-1-PBS capture and 84207-3-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

Heterogeneous nuclear ribonucleoprotein AB (HNRNPAB) is a member of the hnRNP family involved in multiple forms of transcriptional control. It plays an important role in normal biological processes and tumor development and progression. HNRNPAB acts as a direct transcriptional target of c-Myc and promotes G1/S cell cycle progression and cell proliferation via CDK4 (PMID: 36657708).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

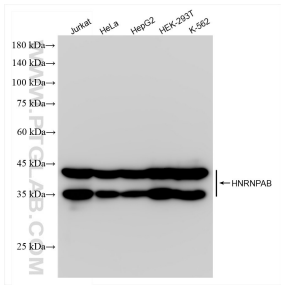
For technical support and original validation data for this product please contact:

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

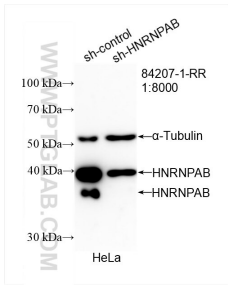
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

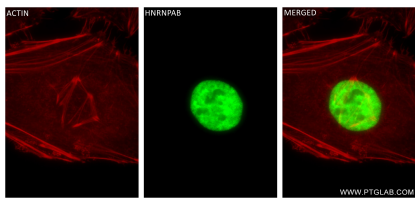
Selected Validation Data



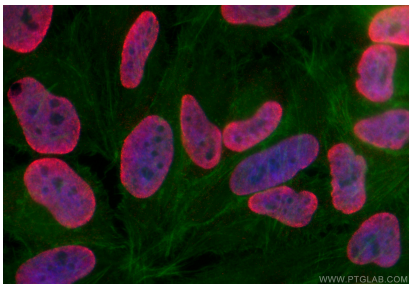
Various lysates were subjected to SDS PAGE followed by western blot with 84207-1-RR (HNRNPAB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84207-1-PBS in a different storage buffer formulation.



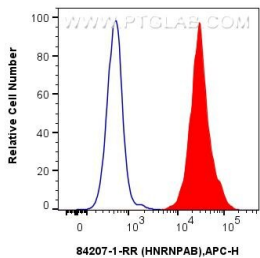
WB result of HNRNPAB antibody (84207-1-RR; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HNRNPAB transfected HeLa cells. This data was developed using the same antibody clone with 84207-1-PBS in a different storage buffer formulation.



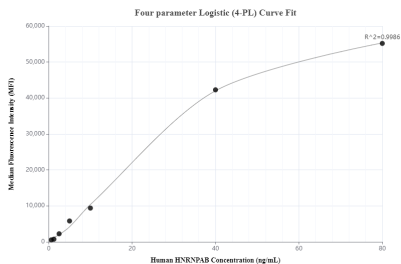
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPAB antibody (84207-1-RR, Clone: 241462B1) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84207-1-PBS in a different storage buffer formulation.



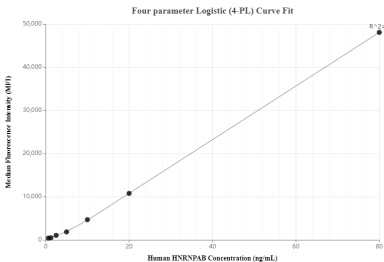
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPAB antibody (84207-1-RR, Clone: 241462B1) at dilution of 1:500 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-Phalloidin (green). This data was developed using the same antibody clone with 84207-1-PBS in a different storage buffer formulation.



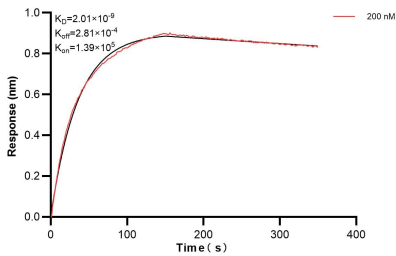
1x10⁶ Jurkat cells were intracellularly stained with 0.25 ug HNRNPAB Recombinant antibody (84207-1-RR, Clone:241462B1) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 84207-1-PBS in a different storage buffer formulation.



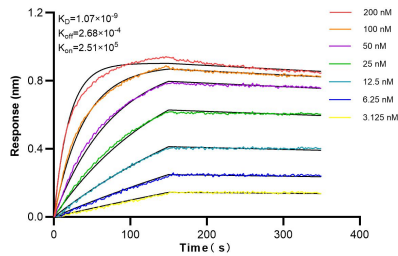
Cytometric bead array standard curve of MP01139-1, HNRNPAB Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84207-1-PBS. Detection antibody: 84207-2-PBS. Standard: Ag35010. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP01139-2, HNRNPAB Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84207-1-PBS. Detection antibody: 84207-3-PBS. Standard: Ag35010. Range: 0.625-80 ng/mL



Biolayer interferometry (BLI) kinetic assay of 84207-1-PBS against Human HNRNPAB was performed. The affinity constant is 2.01 nM.



Biolayer interferometry (BLI) kinetic assays of 84207-1-RR against Human HNRNPAB were performed. The affinity constant is 1.07 nM.