

HNRNPD Monoclonal antibody, PBS Only

Catalog Number: 68236-1-PBS

Basic Information

Catalog Number:

68236-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG3458

GenBank Accession Number:

BC026015

GeneID (NCBI):

3184

UNIPROT ID:

Q14103

Full Name:

heterogeneous nuclear
ribonucleoprotein D (AU-rich element
RNA binding protein 1, 37kDa)

Calculated MW:

355 aa, 38 kDa

Observed MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

2G9E6

Applications

Tested Applications:

WB, IHC, IF, ELISA

Species Specificity:

Human, mouse, rat, pig, rabbit

Background Information

The heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. HNRNPD, also known as AUF1, belongs to the family of AU-binding proteins (AU-BPs) that regulate the cellular half-lives of many mRNAs by directly interacting with an AU-rich element (ARE) located in their 3' untranslated region (PMID:8578590,12704645). AUF1 has four isoforms produced by alternative splicing of a single transcript: p37, p40, p42, and p45 (PMID:9521873).

Storage

Storage:

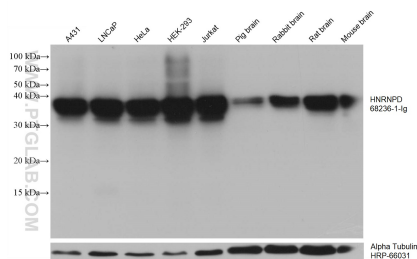
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

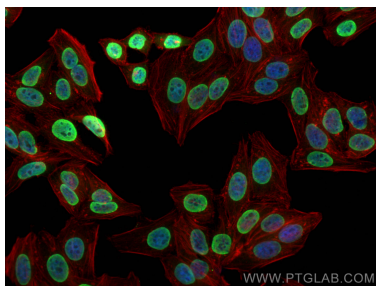
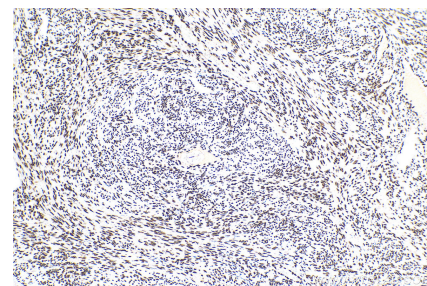
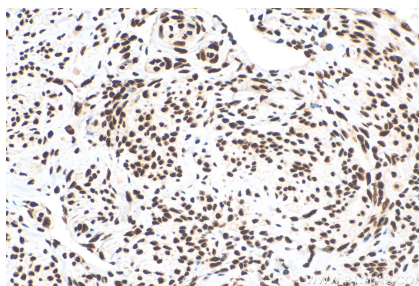
Storage Buffer:

PBS only

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68236-1-Ig (HNRNPD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 68236-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HNRNPD antibody (68236-1-Ig, Clone: 2G9E6) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68236-1-PBS in a different storage buffer formulation.