HNRNPH1 Monoclonal antibody, PBS Only

Catalog Number:67375-1-PBS

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Basic Information

Catalog Number:
67375-1-PBS

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

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG6603

GenBank Accession Number:
BC001348

GeneID (NCBI):
3187

UNIPROT ID:
P31943

Full Name:
heterogeneous nuclear ribonucleoprotein H1 (H)

Calculated MW:
49 kDa

Observed MW:
49-50 kDa

Purification Method:
Protein G purification

CloneNo.:
1A6C2

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

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. HNRNPH1 is one component of hnRNP complex and mediates pre-mRNA alternative splicing regulation [PMID:11003644]. Together with CUGBP1, it inhibits IR pre-mRNA exon 11 inclusion in myoblast [PMID: 16946708].
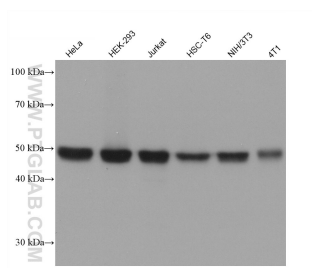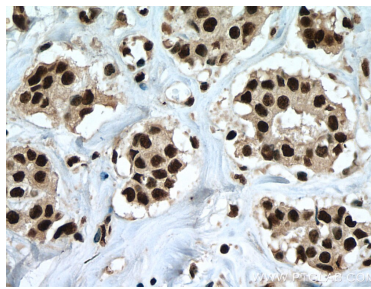
Storage

Storage:
Store at -80℃.
Storage Buffer:
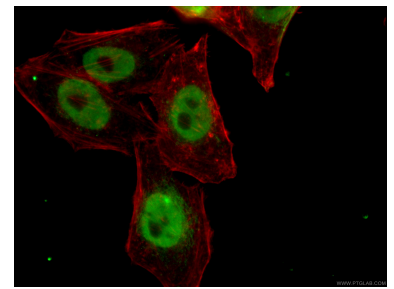PBS Only

Various lysates were subjected to SDS PAGE followed by western blot with 67375-1-Ig (HNRNPH1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67375-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67375-1-Ig (HNRNPH1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67375-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 67375-1-Ig (HNRNPH1 antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67375-1-PBS in a different storage buffer formulation.