

CoraLite®594-conjugated HNRNPD Monoclonal antibody

Catalog Number: **CL594-68236**

Basic Information

Catalog Number:

CL594-68236

Size:

1000 µg/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

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, mouse, rat, pig, rabbit

Positive Controls:

IF/ICC : HepG2 cells,

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:

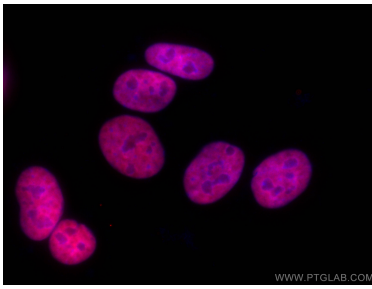
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite®594 HNRNPD antibody (CL594-68236, Clone: 2G9E6) at dilution of 1:200.