

# DARS Monoclonal antibody

Catalog Number: 67930-1-Ig

## Basic Information

Catalog Number:

67930-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG7059

GenBank Accession Number:

BC000629

GeneID (NCBI):

1615

UNIPROT ID:

P14868

Full Name:

aspartyl-tRNA synthetase

Calculated MW:

57 kDa

Observed MW:

50-57 kDa

Purification Method:

Protein A purification

CloneNo.:

3C5D3

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:2000-1:8000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

IF/ICC, IHC, WB, 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** : LNCaP cells, HeLa cells, HepG2 cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, RAW 264.7 cells

**IHC** : rat cerebellum tissue,

**IF/ICC** : SH-SY5Y cells,

## Background Information

### 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

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

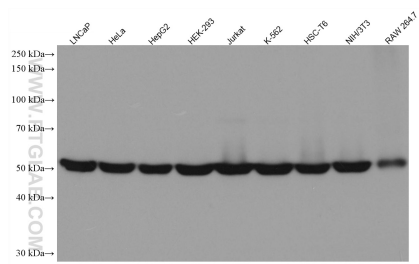
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

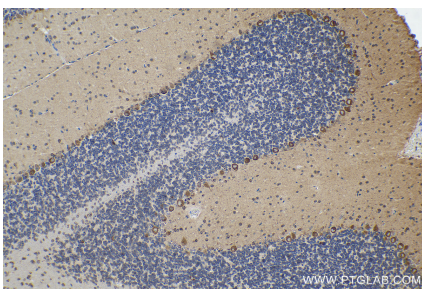
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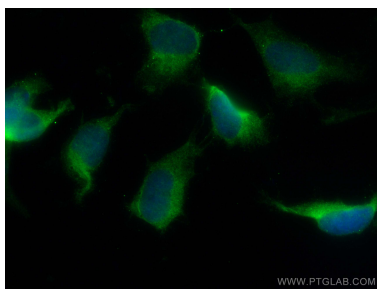
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67930-1-Ig (DARS antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 67930-1-Ig (DARS antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using DARS antibody (67930-1-Ig, Clone: 3C5D3 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).