

For Research Use Only

ELL2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 84226-4-PBS



Basic Information

Catalog Number:

84226-4-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3428

GenBank Accession Number:

BC028412

GeneID (NCBI):

22936

UNIPROT ID:

O00472

Full Name:

elongation factor, RNA polymerase II,
2

Calculated MW:

640 aa, 72 kDa

Observed MW:

80-90 kDa

Purification Method:

Protein A purification

CloneNo.:

260362A10

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

ELL2 (Elongation Factor for RNA Polymerase II 2) is a key transcriptional elongation factor that regulates RNA polymerase II (Pol II) during mRNA synthesis (PMID: 34265249). It belongs to the ELL gene family, which includes ELL1, ELL2, and ELL3, and plays a crucial role in controlling the elongation phase of transcription (PMID: 9108030). ELL2 is an androgen-responsive gene that is expressed by prostate epithelial cells and is frequently down-regulated in prostate cancer (PMID: 29179998). The predicted molecular weight of the ELL2 protein is 72 kDa, but due to post-translational modifications, its molecular weight is approximately 90 kDa. (PMID: 39582094, PMID: 34948391)

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, pH7.3

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

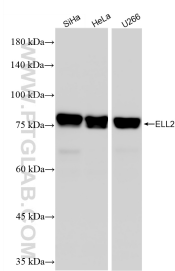
T: 4006900926

E: Proteintech-CN@ptglab.com

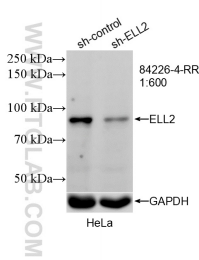
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84226-4-RR (ELL2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84226-4-PBS in a different storage buffer formulation.



WB result of ELL2 antibody (84226-4-RR; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-ELL2 transfected HeLa cells. This data was developed using the same antibody clone with 84226-4-PBS in a different storage buffer formulation.