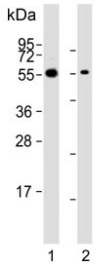
CDC73 Antibody (F54262)

Catalog No.	Formulation	Size
F54262-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54262-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

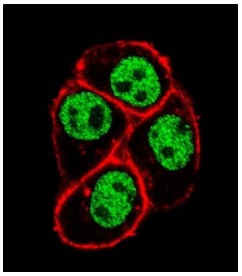
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q6P1J9
Gene ID	79577
Localization	Nuclear
Applications	Western blot: 1:1000-1:2000 Immunohistochemistry (FFPE): 1:25 Flow cytometry: 1:25 (1x10e6 cells) Immunofluorescence: 1:25
Limitations	This CDC73 antibody is available for research use only.



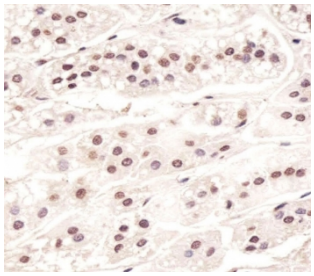
Western blot testing of human 1) 293T and 2) TT cell lysate with CDC73 antibody. Predicted molecular weight ~61 kDa.



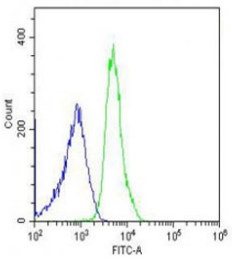
Western blot testing of human 293 cell lysate with CDC73 antibody. Predicted molecular weight ~61 kDa.



Immunofluorescent staining of fixed and permeabilized human HeLa cells with CDC73 antibody (green) and anti-Actin (red).



IHC testing of FFPE human adrenal gland tissue with CDC73 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of fixed and permeabilized human U-2 OS cells with CDC73 antibody; Blue=isotype control, Green= CDC73 antibody.

Description

CDC73 encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3' mRNA processing factors with actively-transcribed chromatin.

Application Notes

The stated application concentrations are suggested starting points. Titration of the CDC73 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 132-161 from the human protein were used as the immunogen for the CDC73 antibody.

Storage

Aliquot the CDC73 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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