

CDC5L Rabbit mAb

Catalog No: #49288

Package Size: #49288-1 50ul #49288-2 100ul

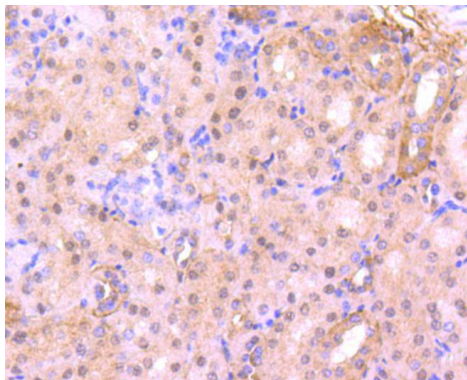
Description

Product Name	CDC5L Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JJ091-05
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	CDC5 antibody CDC5 cell division cycle 5-like (S. pombe) antibody Cdc5 related protein antibody CDC5-LIKE antibody Cdc5-like protein antibody Cdc5l antibody CDC5L_HUMAN antibody CEF1 antibody Cell division cycle 5 S. pombe homolog of antibody Cell division cycle 5-like protein antibody dJ319D22.1 antibody KIAA0432 antibody PCDC5RP antibody Pombe Cdc5 related protein antibody Pombe Cdc5-related protein antibody
Accession No.	Swiss-Prot#:Q99459
Calculated MW	92/100 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

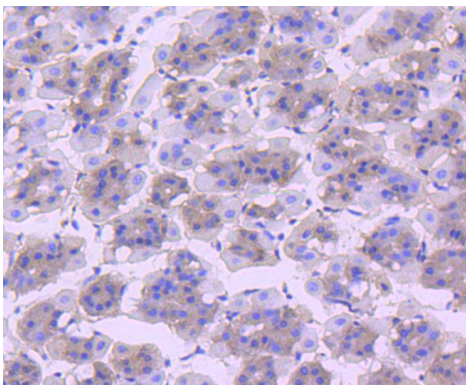
Application Details

WB: 1:1,000 IHC: 1:50-1:200ICC: 1:50-1:200

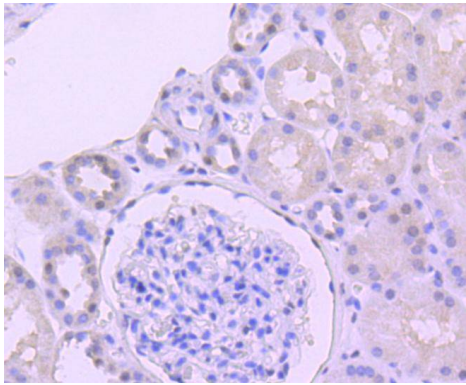
Images



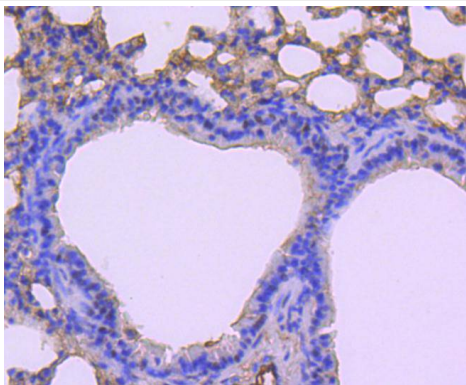
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-CDC5L antibody. Counter stained with hematoxylin.



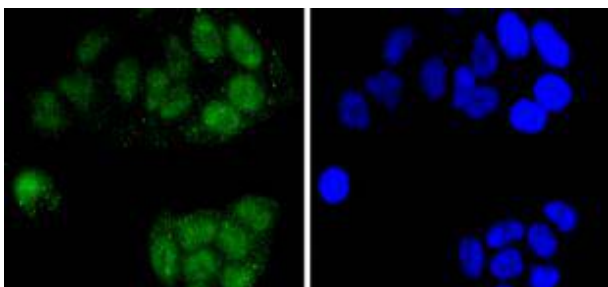
Immunohistochemical analysis of paraffin-embedded mouse stomach tissue using anti-CDC5L antibody. Counter stained with hematoxylin.



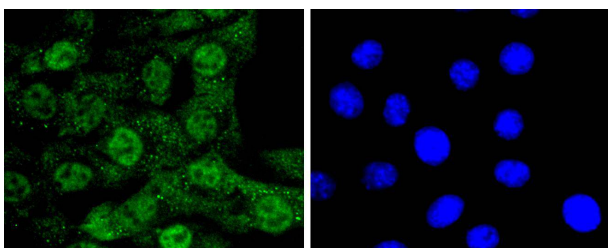
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CDC5L antibody. Counter stained with hematoxylin.



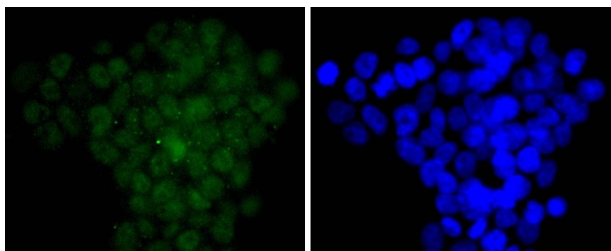
Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-CDC5L antibody. Counter stained with hematoxylin.



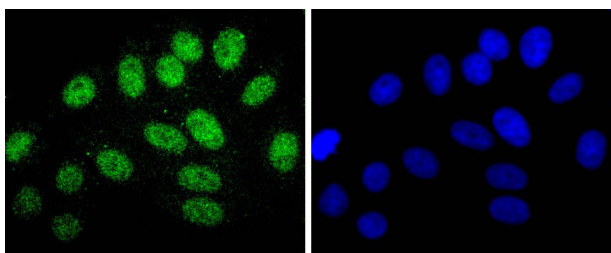
ICC staining CDC5L in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



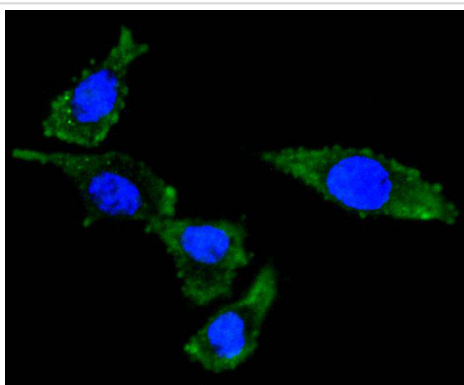
ICC staining CDC5L in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CDC5L in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CDC5L in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CDC5L in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Cdc5L (Cell division cycle 5-like protein, Pombe Cdc5-related protein) is a DNA-binding protein encoded by the human gene CDC5L. Cdc5L contains 2 HTH myb-type DNA-binding domains and may shuttle between cytoplasm and nucleus. It is involved in cell cycle control and may act as a transcription activator. CDC5L is a spliceosomal protein that is highly conserved across species. It is a member of a protein group that comprise the core of spliceosomal complexes and are essential for pre-mRNA splicing. Cdc5L is involved in the second catalytic step of pre-mRNA splicing, which involves cleavage at the 3' splice site and the ligation of the exons. This process releases the intact intron lariat. A chromosomal aberration involving Cdc5L is found in multicystic renal dysplasia. This aberration is caused by a translocation with USF-2.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.