

Rabbit anti-Human CDC6 Monoclonal Antibody | anti-CDC6 antibody

CDC6 (Phospho-S54) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311036	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

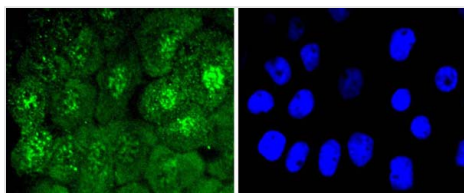
PRODUCT SYNONYMS

CDC6; Monoclonal Antibody; CDC6 (Phospho-S54) Antibody; Cdc 18L antibody; Cdc 6 antibody; CDC18 (cell division cycle 18; S.pombe; homolog) like antibody; CDC18 (S.pombe) antibody; Cdc18 related protein antibody; Cdc18-related protein antibody; Cdc18L antibody; cdc6 antibody; CDC6 cell division cycle 6 homolog antibody; CDC6 related protein antibody; CDC6-related protein antibody; CDC6_HUMAN antibody; Cdc6p antibody; CELL CYCLE CONTROLLER CDC6 antibody; Cell division control protein 6 antibody; Cell division control protein 6 homolog antibody; Cell division cycle 6 homolog (S. cerevisiae) antibody; Cell division cycle 6 homolog antibody; Cell division cycle 6; S. cerevisiae; homolog of antibody; HsCDC 6 antibody; HsCDC18 antibody; HsCDC6 antibody; p62 antibody; p62 (cdc 6) antibody; p62 (cdc6) antibody; anti-CDC6 antibody

PRODUCT SPECIFICATIONS

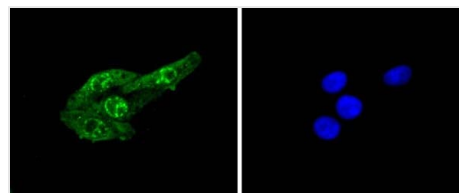
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	SD08-47
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CDC6 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser54 of human Cdc6.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



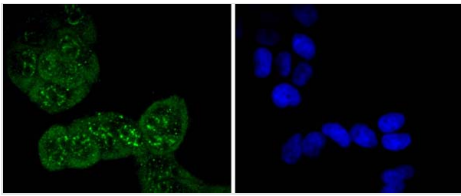
ICC (Immunocytochemistry)

ICC staining Phospho-Cdc6 (S54) in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



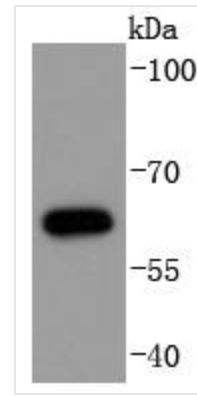
ICC (Immunocytochemistry)

ICC staining Phospho-Cdc6 (S54) in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Phospho-Cdc6 (S54) in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of Phospho-Cdc6 (S54) on Jurkat cells lysates using anti-Phospho-Cdc6 (S54) antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC6 antibody	Cell cycle events are regulated by the sequential activation and deactivation of cyclin dependent kinases (Cdks) and by the proteolysis of cyclins. The cell division control (Cdc) genes are required at various points in the cell cycle. Cdc25A, Cdc25B and Cdc25C protein Tyrosine phosphatases function as mitotic activators by dephosphorylating Cdc2 p34 on regulatory Tyrosine residues. Cdc6 is the human homolog of <i>Saccharomyces cerevisiae</i> Cdc6, which is involved in the initiation of DNA replication. Cdc37 appears to facilitate Cdk4/cyclin D1 complex formation and has been shown to form a stable complex with HSP 90. Cdc34, Cdc27 and Cdc16 function as ubiquitin-conjugating enzymes. Cdc34 is thought to be the structural and functional homolog of <i>Saccharomyces cerevisiae</i> Cdc34, which is essential for the G1 to S phase transition. Cdc16 and Cdc27 are components of the APC (x complex) which ubiquitinates cyclin B, resulting in cyclin B/Cdk complex degradation.
Product Categories/Family for anti-CDC6 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502703
NCBI GeneID	990
NCBI Accession #	NP_001245.1
NCBI GenBank Nucleotide #	NM_001254.3
UniProt Accession #	Q99741 ; Q8TB30
Molecular Weight	62,720 Da
NCBI Official Full Name	cell division control protein 6 homolog
NCBI Official Synonym Full Names	cell division cycle 6
NCBI Official Symbol	CDC6
NCBI Official Synonym Symbols	CDC18L; HsCDC6; HsCDC18
NCBI Protein Information	cell division control protein 6 homolog; p62(cdc6); CDC6-related protein; cdc18-related protein; cell division cycle 6 homolog; CDC6 cell division cycle 6 homolog
UniProt Protein Name	Cell division control protein 6 homolog
UniProt Gene Name	CDC6
UniProt Synonym Gene Names	CDC18L; HsCdc18; HsCDC6
UniProt Entry Name	CDC6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdc6-antibody-clone-sd08-47-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/311036>