

Cdc34 Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 56207

Size: 100 ug in 10 mM PBS, pH 7.4.

BACKGROUND

Cdc 34 is a ubiquitin conjugating enzyme that is essential for the transition from G1 to S phase in *Saccharomyces cerevisiae*. Human Cdc34 fully complements the budding yeast Cdc34 temperature sensitive mutant phenotype. In extracts of *Xenopus laevis* eggs, Cdc34 is required for the onset of DNA replication and appears to function in a multi-protein complex. Cdc34 is highly conserved among vertebrates and probably functions similarly in all eukaryotes to regulate the start of DNA synthesis.

SPECIFICATION SUMMARY

Antigen: N-terminus 6x-His tagged fusion protein encoding full-length human Cdc34 expressed in *E. coli*.

Host Species: Mouse

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes human Cdc34.

APPLICATIONS

Immunoblotting and Immuno-precipitation: use at 1-5 ug/ml.

Positive controls: 293 cells and recombinant fusion protein.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedure