

## Monoclonal Antibody to CDC47 / MCM7

<b>Catalog No.:</b>	DM340P
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.2 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	SM10P (for use in human samples), SM20P (for use in rat samples), AM03095PU-N
<b>Clone:</b>	DCS-141
<b>Immunogen:</b>	Recombinant hCDC47 protein.
<b>Applications:</b>	Immunofluorescence. Immunoprecipitation (Native and denatured). Western Blotting. Immunohistology (Formalin/paraffin). Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min. Recommended positive control: MAD109, or PC12 Cells, Tonsil or Breast Cancer. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	hCDC47 is a human member of the MCM family, which allows DNA to replicate once per cell cycle. In quiescent cells, human MCM7 (hMCM7) mRNA is almost undetectable. Stimulation of cells to enter the cell cycle results in induction of hMCM7 expression. Reacts with Human, Mouse, Rat, Dog, and Xenopus. Others not tested. Cellular Localization: nuclear.
	Mol. Wt of Antigen: 80kD
<b>Storage:</b>	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.
<b>General Readings:</b>	1. Suzuki S, et al. Gene 1998;216(1):85-91. 2. Roman

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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