

# Product Data Sheet

## Purified anti-MCM5

**Catalog # / Size:** 602502 / 200 µl (20 Western blots)

**Clone:** Poly6025

**Isotype:** Rabbit IgG

**Immunogen:** Peptide

**Reactivity:** Mouse, Human

**Preparation:** The antibody was purified by antigen-affinity chromatography.

**Formulation:** This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.

**Storage:** Upon receipt, store frozen at -20° C.

## Applications:

**Applications:** WB

**Recommended Usage:** Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 µl per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

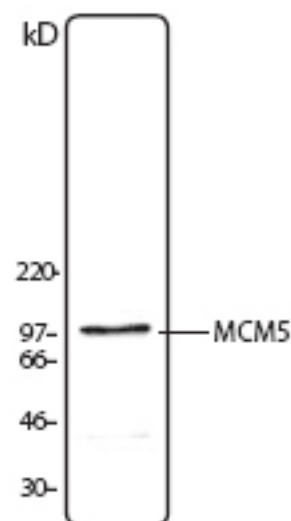
**Application References:** 1. Tan B C-M, *et al.* 2006. *EMBO* doi:10.1038/sj.emboj.7601271

**Description:** The MCM5 protein (minichromosome maintenance protein 5) is a nuclear 82 kD DNA-dependent ATPase. The MCM5 protein is a component of the DNA pre-replication complex that acts to allow DNA to undergo single round of replication per cell cycle. MCM5 is upregulated in the G0/G1 phase of the cell cycle. MCM5 has been reported to interact with the MCM3. The Poly6025 antibody recognizes both human and mouse MCM5 and has been shown to be useful for Western blotting.

**Antigen References:** 1. Hu B, *et al.* 1993. *Nucleic Acids Res.* 21:5289.  
 2. Paul R, *et al.* 1996. *Cytogenet. Cell Genet.* 73:317.  
 3. Burkhardt R, *et al.* 1995. *Eur. J. Biochem.* 228:431.

### Related Products:

<b>Product</b>	<b>Clone</b>	<b>Application</b>
Purified anti-MCM2	Poly6022	IF, WB
Purified anti-MCM3	Poly6023	WB
Purified anti-MCM4	Poly6024	WB, ChIP
Purified anti-MCM6	Poly6026	WB
Purified anti-MCM7	Poly6027	WB
HRP Donkey anti-rabbit IgG (minimal x-reactivity)	Poly4064	ELISA, IHC, WB



*Jurkat cell nuclear extract was resolved by electrophoresis, transferred to nitrocellulose and probed with rabbit anti-MCM5 antibody. Proteins were visualized using a donkey anti-rabbit secondary antibody conjugated to HRP and a chemiluminescence system.*



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