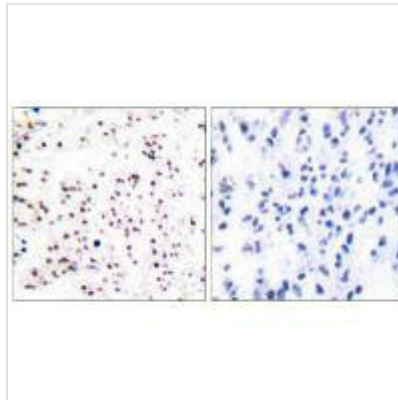


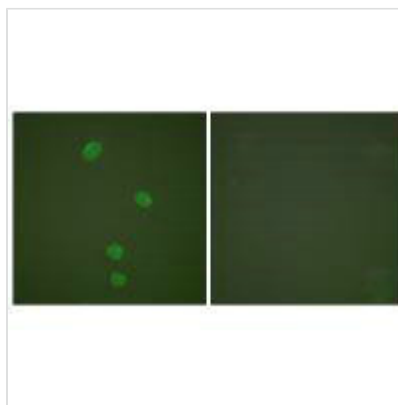


MCM5 Antibody

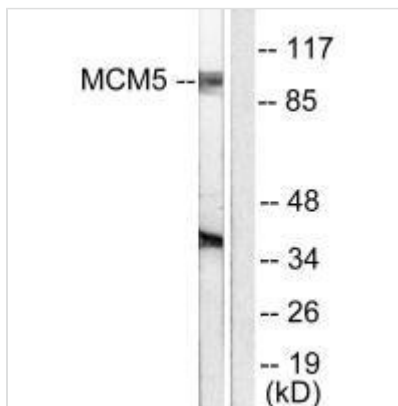
Product Code	CSB-PA920054
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P33992
Immunogen	Synthesized peptide derived from Human MCM5 antibody.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total MCM5 protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:3000,IHC:1:50-1:100,IF:1:100-1:500
Relevance	Acts as component of the MCM2-7 complex (MCM complex) which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. The active ATPase sites in the MCM2-7 ring are formed through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit. The six ATPase active sites, however, are likely to contribute differentially to the complex helicase activity By similarity. Interacts with MCMBP. Robert A. Sclafani, Genetics, May 2002; 161: 47. Marylynn Snyder, PNAS, Oct 2005; 102: 14539 - 14544. Christopher J. DaFonseca, PNAS, Mar 2001; 98: 3034. Cathleen M. Lake, Genetics, Jun 2007; 10.1534
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	CDC46; DNA replication licensing factor MCM5; minichromosome maintenance deficient protein 5;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MCM5
Image	



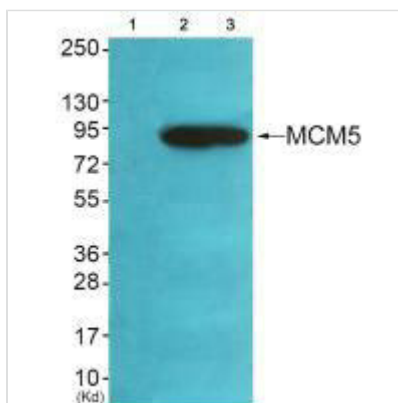
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using MCM5 antibody.



Immunofluorescence analysis of HepG2 cells, using MCM5 antibody.



Western blot analysis of extracts from HepG2 cells, using MCM5 antibody.



Western blot analysis of extracts from HeLa cells (Lane 2), A549 cells (Lane 3) and cells (Lane 4), using MCM5 antibody. The lane on the left is treated with synthesized peptide.