



MCM10 mouse mAb

Catalog No	YP-mAb-17257
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MCM10 PRO2249
Immunogen	Synthesized peptide derived from human N-terminal MCM10
Specificity	This antibody detects endogenous levels of MCM10 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Mouse, Monoclonal
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CNA43;DNA43;HsMCM10;PRO2249;Protein MCM10 homolog;MCM10;MCM10 PRO2249;Protein MCM10 homolog (HsMCM10)
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus . Colocalizes with ORC2 in nuclei foci. Associated with chromatin in S phase. From early to mid-S phase located in discrete nuclear foci. In early S phase, several hundred foci appeared throughout the nucleus. In mid-S phase, the foci appeared at the nuclear periphery and nucleolar regions. In the late S and G phases localized to nucleoli.
Tissue Specificity	
Function	Acts as a replication initiation factor that brings together the MCM2-7 helicase and the DNA polymerase alpha/primase complex in order to initiate DNA replication. Additionally, plays a role in preventing DNA damage during replication. Key effector of the RBBP6 and ZBTB38-mediated regulation of DNA-replication and common fragile sites stability; acts as a direct target of transcriptional repression by ZBTB38 .
Background	

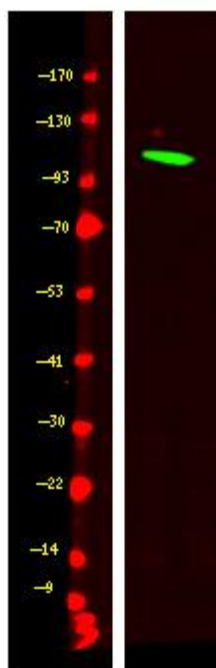
**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using MCM10 mouse mAb