

Phospho-MCM2 (Ser41) Polyclonal Antibody

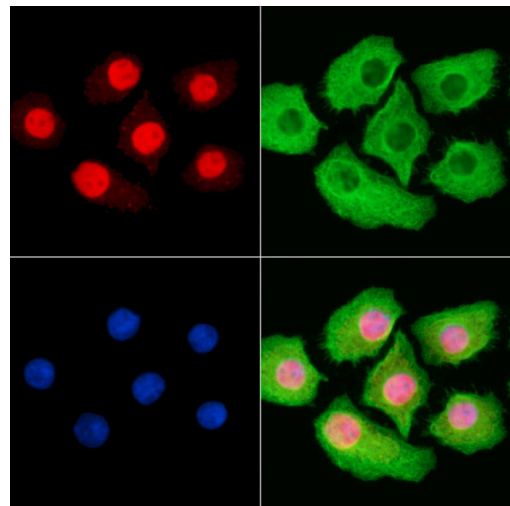
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human MCM2 around the phosphorylation site of Ser41.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2899238

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

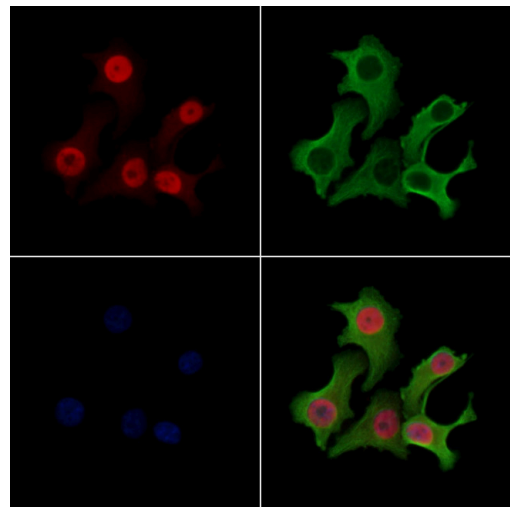
Product Specific Information

Antibody detects endogenous levels of MCM2 only when phosphorylated at Ser41.

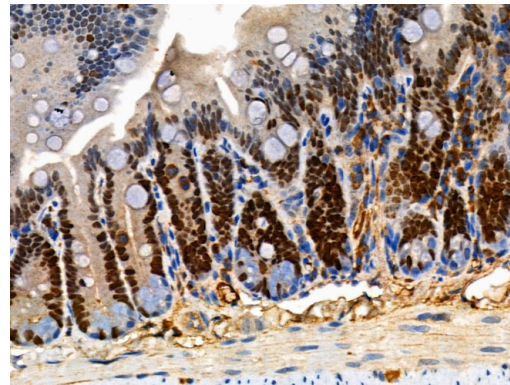
Product Images For Phospho-MCM2 (Ser41) Polyclonal Antibody



Phospho-MCM2 (Ser41) Antibody (PA5-114602) in ICC/IF
Immunocytochemistry analysis of Phospho-MCM2 (Ser41) in HeLa cells. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were incubated with Phospho-MCM2 (Ser41) polyclonal antibody (Product # PA5-114602) and mouse anti-beta tubulin antibody for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG (Green) were used as the secondary antibodies. The nuclear counter stain is DAPI (blue).



Phospho-MCM2 (Ser41) Antibody (PA5-114602) in ICC/IF
Immunocytochemistry analysis of Phospho-MCM2 (Ser41) in HeLa cells (heat shock treatment). Samples were treated with PFA, permeabilized in 0.1% Triton X-100, blocked in 10% serum (45 min at 25°C), and incubated with polyclonal antibody (Product # PA5-114602). Secondary staining was applied with mouse anti-beta tubulin (1 hr at 37°, AlexaFluor 594 conjugated goat anti-rabbit IgG (Red), AlexaFluor 488 conjugated goat anti-mouse IgG (Green) and DAPI.



Phospho-MCM2 (Ser41) Antibody (PA5-114602) in IHC (P)
Immunohistochemistry analysis of Phospho-MCM2 (Ser41) in mouse colorectal tissue. Samples were treated with formaldehyde and treated with citrate buffer for antigen retrieval, blocked, and incubated (1.5 hours at 22°C) with polyclonal antibody (Product # PA5-114602) at a dilution of 1:100. Secondary staining was applied with HRP conjugated anti-Rabbit.

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