

MCM2 Polyclonal Antibody

Catalog NumberPA1-38099

Product data sheet

Details		Species Reactivity	
Size	1 mL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	Synthetic peptide corresponding to N-terminus of human MCM2 protein.	Immunohistochemistry (Paraffin) (IHC (P))	1:100
Conjugate	Unconjugated	Western Blot (WB)	Assay-dependent
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

This antibody is predicted to react with bovine, canine, porcine and rabbit based on sequence homology. Heat-mediated antigen retrieval is recommended prior to staining, using a 10mM citrate buffer, pH 6.0, for 10 minutes followed by cooling at room temperature for 20 min. Following antigen retrieval, incubate samples with primary antibody for 30 min at room temperature. A suggested positive control is breast carcinoma.

Background/Target Information

MCM2 (Mini chromosome maintenance protein 2) is involved in regulating DNA replication. MCM2 (also called CDCL1, mitotin and BM28), is a human nuclear protein that is crucial in the cell cycle, being involved in the onset of DNA replication and cell division. It is similar to members of the family of early S-phase proteins. MCM2 has been mapped to 3q21. From its localization, CDCL1 became a candidate for an oncogene affected by chromosomal breaks in acute myeloid leukemia (AML).

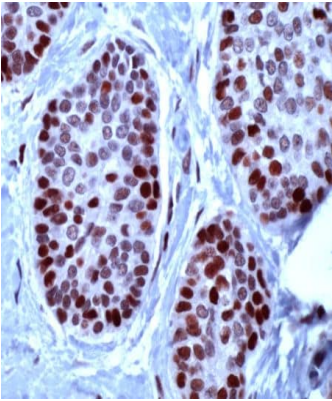
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Product Images For MCM2 Polyclonal Antibody



MCM2 Antibody (PA1-38099) in IHC

Immunohistochemical analysis of MCM2 using anti-MCM2 Polyclonal Antibody (Product # PA5-32484) in Breast Carcinoma Cancer Tissue. The recommended dilution for this antibody in immunohistochemistry applications is 1:100.

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