

DHFR Polyclonal Antibody

Catalog NumberPA5-32381

Product data sheet

Details		Species Reactivity	
Size	500 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	<div>Tested ApplicationsDilution *</div> <div>Immunohistochemistry (Paraffin) (IHC (P))1:100</div> <div>Immunocytochemistry (ICC/IF)5 µg/mL</div>	
Class	Polyclonal		
Type	Antibody		
Immunogen	Synthetic peptide corresponding to internal region of human DHFR.	<div>* 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.</div>	
Conjugate	Unconjugated		
Form	Liquid		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

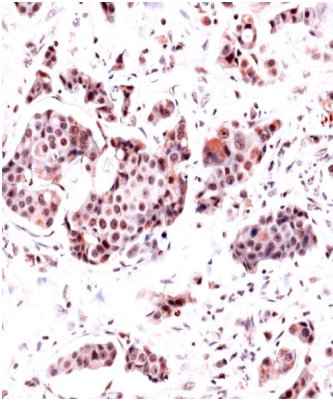
Product specific information

Heat-mediated antigen retrieval is recommended prior to staining, using a 10mM citrate buffer, pH 6.0, for 10-20 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

Dihydrofolate reductase converts dihydrofolate into tetrahydrofolate, and is required for the synthesis of purines, thymidylic acid and certain amino acids. While the functional dihydrofolate reductase gene has been mapped to chromosome 5, multiple intronless processed pseudogenes or dihydrofolate reductase like genes have been identified on separate chromosomes. Dihydrofolate reductase deficiency has been linked to megaloblastic anemia.

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DHFR Antibody (PA5-32381) in IHC
Immunohistochemical analysis of DHFR using anti-DHFR Polyclonal Antibody (Product # PA5-32381) in Breast Carcinoma Cancer Tissue. The recommended dilution for this antibody in immunohistochemistry applications is 1:100.

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