

# Product Data Sheet

## Anti-Gamma-enolase Antibody

Catalog #	Source	Reactivity	Applications
CPA9163	Mouse	H, M, R	WB, IH
<b>Description</b>	Mouse monoclonal antibody to Gamma-enolase		
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence of human Gamma-enolase. The exact sequence is proprietary.		
<b>Purification</b>			
<b>Specificity</b>	Recognizes endogenous levels of Gamma-enolase protein.		
<b>Clonality</b>	Monoclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/1000 - 1/2000), IH (1/100 - 1/200)		
<b>Gene Symbol</b>	ENO2		
<b>Alternative Names</b>	Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-specific enolase; NSE		
<b>Entrez Gene</b>	2026 (Human); 13807 (Mouse); 100911625 (Rat)		
<b>SwissProt</b>	P09104 (Human); P17183 (Mouse); P07323 (Rat)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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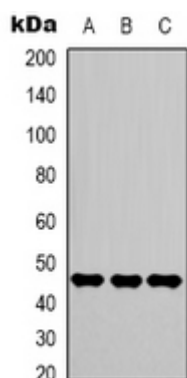
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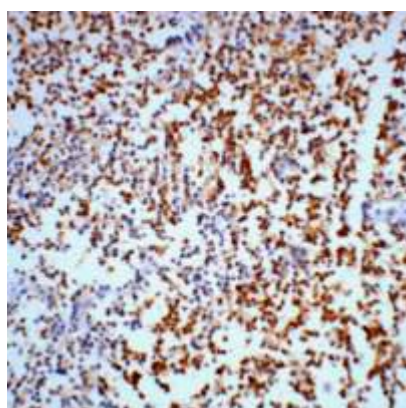
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## Product Data Sheet



Western blot analysis of Gamma-enolase expression in HeLa (A), Jurkat (B), 293T (C) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 47 kD)



Immunohistochemical analysis of Gamma-enolase staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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