



Mouse Anti-Human Citrullinated α -Enolase monoclonal antibody, clone 9D4 (CABT-L4583)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This clone can be used for Western blot and ELISA applications. It detects citrullinated α -enolase at ~47 kDa in human samples.
Specificity	It detects citrullinated α -enolase at ~47 kDa in human samples.
Immunogen	Recombinant citrullinated α -enolase protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	9D4
Purification	Protein G purified
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Liquid
Concentration	Lot specific
Size	300 μ g
Buffer	PBS, pH 7.2, with 50% glycerol and 0.02% sodium azide
Preservative	0.02% sodium azide

Storage	At -20°C
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Ship	Wet ice
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BACKGROUND

Introduction	<p>α-Enolase, also known as enolase 1, is a glycolytic enzyme that catalyzes the conversion of 2-phosphoglycerate to phosphoenolpyruvate. It is ubiquitously expressed in human tissues, including liver, spleen, kidney, and brain. α-Enolase is an autoantigen in asthma and Hashimoto's encephalopathy, and has been found in the serum of pediatric patients with juvenile idiopathic arthritis. α-Enolase can be citrullinated by peptidyl arginine deiminases (PADs) and citrullinated α-enolase has been found in the synovial fluid of rheumatoid arthritis patients.</p>
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Keywords	ENO1;Enolase-1;MBP-1;MPB-1;NNE;Non-Neural Enolase;Phosphopyruvate Hydratase;Plasminogen-Binding Protein
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GENE INFORMATION

UniProt ID	P06733
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