



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

Ship Wet ice

BACKGROUND

Introduction 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.

Keywords ENO1;Enolase-1;MBP-1;MPB-1;NNE;Non-Neural Enolase;Phosphopyruvate Hydratase;Plasminogen-Binding Protein

GENE INFORMATION

UniProt ID [P06733](#)
