



Mouse Anti-Enolase Monoclonal antibody, clone RH5 (CABT-CS331)

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

PRODUCT INFORMATION

Specificity	This mAb specific to Enolase (EC 4.2.1.11).
Target	Enolase
Immunogen	Recombinant enolase from <i>Aspergillus fumigatus</i>
Isotype	IgM
Source/Host	Mouse
Species Reactivity	<i>A. fumigatus</i>
Clone	RH5
Purification	Thiophilic purification
Conjugate	unconjugated
Applications	ELISA, WB
Format	Liquid
Size	25 µl, 100 µl
Buffer	0.01M NaH ₂ PO ₄ pH7.2 with 0.095% (w/v) sodium azide
Preservative	0.095% (w/v) sodium azide
Storage	Store as supplied at 2°C - 8°C for up to 1 year.

BACKGROUND

Introduction Enolase (EC 4.2.1.11) is a highly conserved fungal allergen causing IgE-mediated allergic reactions in humans. As an intracellular enzyme it is involved in glycolysis and gluconeogenesis. When expressed on the surface of medically-important fungi it binds to plasminogen promoting the host cell-fungus interaction, and mediates colonisation of mucosa.

Keywords Enolase; Phosphopyruvate hydratase; Eno; 2-phospho-D-glycerate hydro-lyase; 2-phosphoglycerate dehydratase
