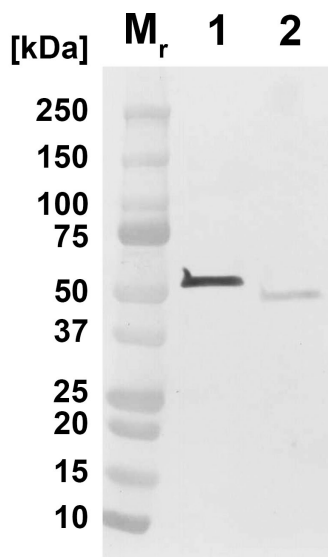


## Enolase, mouse monoclonal antibody [clone QG4]

<b>Product code</b>	ID2605-0025 / ID2605-0100
<b>Unit size</b>	25µL / 100µL
<b>Concentration</b>	See batch specific Certificate of Analysis
<b>Alternative name</b>	Phosphopyruvate hydratase
<b>Clone</b>	QG4
<b>Host</b>	Mouse
<b>Immunogen</b>	Recombinant enolase from <i>Aspergillus fumigatus</i>
<b>Isotype</b>	IgM
<b>Purification</b>	Thiophilic purification
<b>Applications</b>	ELISA, WB
<b>Recommended dilution</b>	1:1000
<b>Optimisation</b>	Optimal dilutions to be determined by end user
<b>Known reactivity</b>	Fungal enolases
<b>Storage buffer</b>	0.01M NaH <sub>2</sub> PO <sub>4</sub> pH7.2 with 0.095% (w/v) sodium azide
<b>Shipping</b>	Blue ice
<b>Storage temperature</b>	Store as supplied at +2°C ~ +8°C for up to 1 year



**Legend:** Western blot of *Aspergillus fumigatus* enolase (1) and *Saccharomyces cerevisiae* enolase (2) using mAb QG4. The enzymes were separated by denaturing SDS-PAGE and transferred electrophoretically onto PVDF membrane. The membrane was probed with mAb QG4 followed by goat anti-mouse IgM (µ-chain specific) alkaline phosphatase conjugate. The antibody binds to a single band at ~50kDa, consistent with the known molecular weight of fungal enolases.

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