

## Anti-GLK Antibody (9D259)

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 52 kDa. Actual: 52 kDa.
Clone:	9D259
Purification:	Protein A purified

## Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with GLK monoclonal antibody, unconjugated (TMAB-06511) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized peptide: human GCK
Antigen Species:	Human
Gene ID:	2645
Uniprot ID:	P35557

## Research Background

Catalyzes the initial step in utilization of glucose by the beta-cell and liver at physiological glucose concentration. Glucokinase has a high Km for glucose, and so it is effective only when glucose is abundant. The role of GCK is to provide G6P for the synthesis of glycogen.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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