

## Anti-FGL2 Polyclonal Antibody 2

## Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Horse,Rabbit)
Molecular Weight:	Theoretical: 49 kDa. Actual: 49 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (FGL2) Polyclonal Antibody, Unconjugated (TMAB-06007) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>2. Sample: Raji (Human) Cell Lysate at 40 µg Primary: Anti-FGL2 (TMAB-06007) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kD Observed band size: 49 kD</p>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## 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:	KLH conjugated synthetic peptide: human FGL2
Antigen Species:	Human
Gene ID:	10875
Uniprot ID:	Q14314

## Research Background

FGL2 is a secreted protein that is similar to the beta- and gamma-chains of fibrinogen. The carboxyl-terminus of the encoded protein consists of the fibrinogen-related domains (FRED). The encoded protein forms a tetrameric complex which is stabilized by interchain disulfide bonds. It may play a role in physiologic functions at mucosal sites. It is constitutively expressed in cytotoxic T-cells. Lack of expression in other lymphoid- and nonlymphoid-derived cell lines suggested that expression of FGL2 may be restricted to lymphocytes. FGL2 is induced via a mechanism involving IFNG and components of the IFNG signaling pathway, including STAT1 and IRF1.

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

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