



Datasheet for ABIN727785  
**anti-FGL2 antibody (AA 75-150)**



[Go to Product page](#)

2 Images

1 Publication

### Overview

Quantity:	100 µL
Target:	FGL2
Binding Specificity:	AA 75-150
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGL2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from rat FGL2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	FGL2
Alternative Name:	FGL2 ( <a href="#">FGL2 Products</a> )

## Target Details

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**Background:** Synonyms: Fibroleukin, Cytotoxic T-lymphocyte-specific protein, Fibrinogen-like protein 2, Fibrinogen like protein 2, Prothrombinase, Fibroleukin, pT49, T49, G3V7P2\_RAT, Fibrinogen-like 2.

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.

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**Gene ID:** 84586

**UniProt:** [G3V7P2](#)

## Application Details

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**Application Notes:** WB 1:300-5000  
ELISA 1:500-1000  
FCM 1:20-100  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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## Handling

Storage: 4 °C, -20 °C

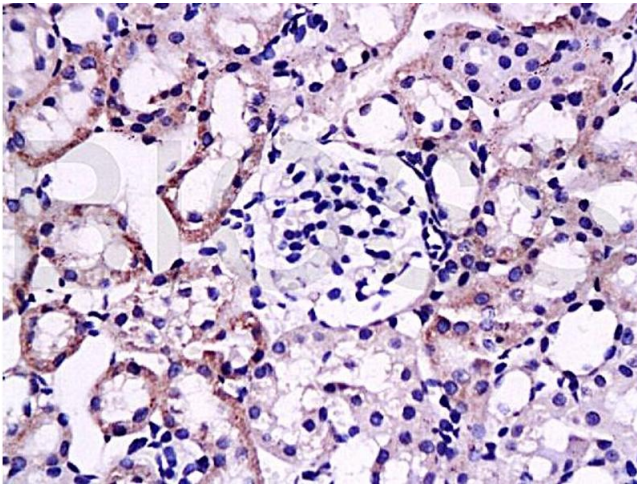
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Publications

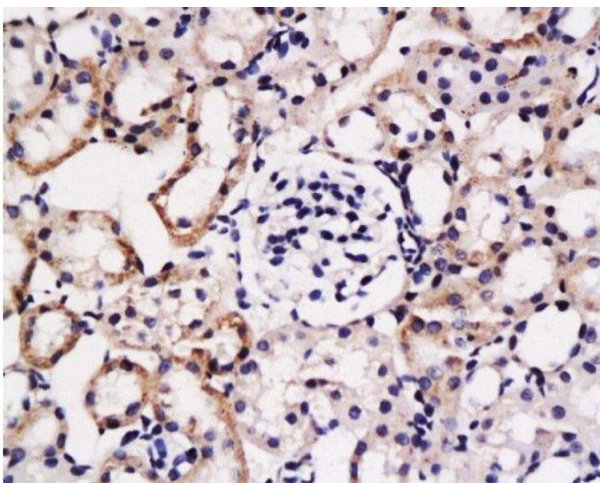
Product cited in: Yang, Fujikado, Kolodin, Benoist, Mathis: "Immune tolerance. Regulatory T cells generated early in life play a distinct role in maintaining self-tolerance." in: **Science (New York, N.Y.)**, Vol. 348, Issue 6234, pp. 589-94, (2015) ([PubMed](#)).

## Images



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded: rat kidney tissue labeled with Anti-fg-12 Polyclonal Antibody (ABIN727785), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin embedded: rat kidney tissue labeled with Anti-fg-12 Polyclonal Antibody , Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining