10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FGL2 Rabbit pAb

Catalog # AP99821

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q14314
Other Accession	Q14314
Reactivity	Rat, Human
Predicted	Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50229
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FGL2
Epitope Specificity	231-330/439
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 fibrinogen C-terminal domain.
SUBUNIT	Homotetramer; disulfide-linked.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	10875
Other Names	T49; pT49; musfiblp; FGL2_HUMAN; FGL2; Fibrinogen-like protein 2; FGL2_MOUSE; Cytotoxic T-lymphocyte-specific protein; Prothrombinase; Fiblp; fibrinogen like 2; fibrinogen-like 2; fibroleukin
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FGL2
Function	May play a role in physiologic lymphocyte functions at mucosal sites.
Cellular Location	Secreted.
Tissue Location	Constitutively expressed in cytotoxic T-cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.