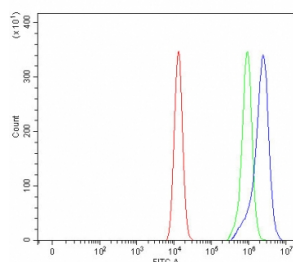


PRRG1 Antibody / TMG1 (RQ8024)

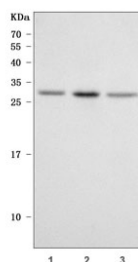
Catalog No.	Formulation	Size
RQ8024	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O14668
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This PRRG1 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human HEL cells with PRRG1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PRRG1 antibody.



Western blot testing of human 1) HepG2, 2) A431 and 3) PC-3 cell lysate with PRRG1 antibody. Predicted molecular weight ~25 kDa.

Description

This gene encodes a vitamin K-dependent, gamma-carboxyglutamic acid (Gla)-containing, single-pass transmembrane protein. This protein contains a Gla domain at the N-terminus, preceded by a propeptide sequence required for post-translational gamma-carboxylation of specific glutamic acid residues by a vitamin K-dependent gamma-carboxylase. The C-terminus is proline-rich containing PPXY and PXXP motifs found in a variety of signaling and cytoskeletal proteins. This gene is highly expressed in the spinal cord. Several alternatively spliced transcript variants have been found for this gene.

Application Notes

Optimal dilution of the PRRG1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids R3-N201) was used as the immunogen for the PRRG1 antibody.

Storage

After reconstitution, the PRRG1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.