Mouse PGCP Alexa Fluor® 488-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF4258G
100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse PGCP in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse PGCP Lys19-Ser470 Accession # Q9WVJ3
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunoprecipitation	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

PGCP (plasma glutamate carboxypeptidase) is a secreted member of the M28 family of metallopeptidases. Mouse PGCP is 470 amino acids (aa) in length. It apparently contains one annexin-like region (aa 19-68) plus a peptidase M28 catalytic domain (aa 281-443). It appears to be synthesized by the liver. Based on human, mouse PGCP will show a 97 aa substitution for the C-terminal 26 amino acids. Over aa's 19-470, mouse PGCP shares 89% and 94% aa identity with human and rat PGCP, respectively.

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