

PRODUCT INFORMATION

Clone ID 10G10
Target PTPRG
Synonyms PTPG
Host Species Rabbit

Description Anti-PTPRG antibody(10G10), IgG1 Chimeric mAb

Delivery In Stock **Uniprot ID** P23470

IgG type Rabbit/Human Fc chimeric IgG1

Clonality Monoclonal
Reactivity Human
Applications Flow Cyt

Recommended Dilutions

Flow Cyt 1/100

Purification Purified from cell culture supernatant by affinity

chromatography

Formulation & Reconstitution

Background

Storage & Shipping

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in

lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

témperature.

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type

PTP. The extracellular region of this PTP contains a carbonic anhydrase-like (CAH) domain, which is also found in the extracellular region of PTPRBETA/ZETA. This gene is located in a chromosomal region that is frequently deleted in renal cell carcinoma and lung carcinoma, thus is thought to be a candidate tumor suppressor

gene. [provided by RefSeq, Jul 2008]

Usage Research use only
Conjugate Unconjugated

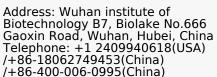
All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

patent application. Any protein sequencing of reverse engineering attempt is prohibited. We a actively scrutinizing all patent application to

ensure no IP infringement.

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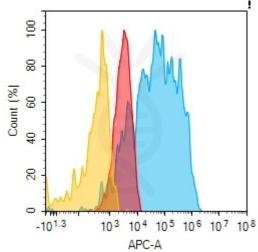


Figure 1. PTPRG protein is expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with $1\mu g/mL$ Anti-PTPRG (10G10) mAb on Expi293 cells transfected with human PTPRG (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).

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