

## Datasheet for ABIN7608016 **anti-PTPRG antibody**



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### Overview

Quantity:	10 µg
Target:	PTPRG
Reactivity:	Human
Host:	Human, Rabbit
Clonality:	Chimeric
Conjugate:	This PTPRG antibody is un-conjugated
Application:	Flow Cytometry (FACS)

### Product Details

Purpose:	Anti-PTPRG antibody(10G10), IgG1 Chimeric mAb
Clone:	10G10
Isotype:	IgG1
Purification:	Purified from cell culture supernatant by affinity chromatography

### Target Details

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

## Target Details

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]

UniProt: [P23470](#)

## Application Details

Application Notes: Flow Cyt 1/100

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: 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 temperature.

Expiry Date: 12 months