

## PRODUCT INFORMATION

<b>Target</b>	PTPRG
<b>Description</b>	Monoclonal Cell Line Derived from K562 Cells, Engineered for Stable Expression of Human PTPRG Using Lentiviral Technology
<b>Host Cells</b>	K562
<b>Uniprot ID</b>	P23470
<b>Applications</b>	FACS Data
<b>Growth media</b>	RPMI-1640+10% FBS+1% P.S+Gln+2 ug/mL Puromycin
<b>Package</b>	5E6 Cells/mL
<b>Host Species</b>	Human
<b>Suggested Control</b>	SKU: DMC101351
<b>Warranty and Disclaimer</b>	1. Please inspect cells upon receipt and report any issues promptly. 2. We offer one-time replacements for issues reported within a week of receipt. 3. User-induced issues are not eligible for free replacements. 4. We do not accept liability for damages resulting from cell use, storage, or loss. 5. Feedback received more than one month after receipt will not be processed.
<b>Storage &amp; Shipping</b>	Cells are shipped using dry ice and require liquid nitrogen storage for long term preservation.
<b>Synonyms</b>	PTPG; HPTPG; RPTPG; R-PTP-GAMMA
<b>Background</b>	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]
<b>Usage</b>	For research use only.



### Hu\_PTPRG K562 Cell Line

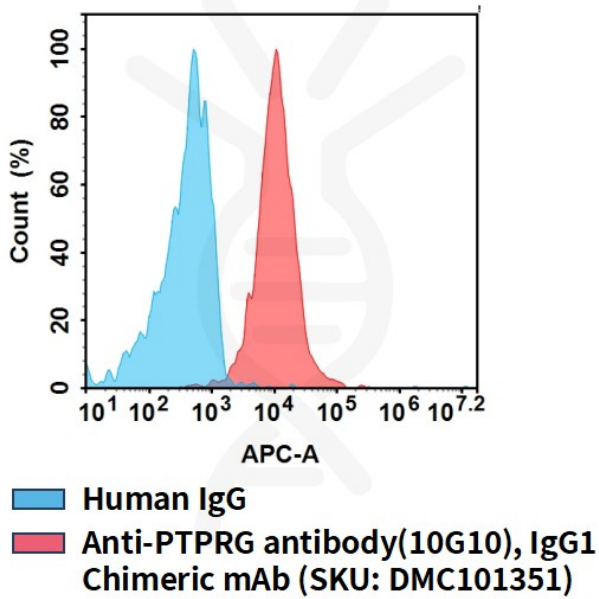


Figure 1. Flow cytometry analysis of human PTPRG overexpression using Hu\_PTPRG K562 Cell Line (Cat. No. CEL100103) and Anti-PTPRG antibody(10G10), IgG1 Chimeric mAb (Cat. No. DMC101351)

