

Recombinant Anti-PTPRC Antibody (V3S-1022-YC3041)

Cat. No.: V3S-1022-YC3041

Summary

Description	This product is a recombinant Rabbit antibody provided by CreativeBiolabs. The antibody is specific for Protein Tyrosine Phosphatase, Receptor Type, C. It can be used for Protein Tyrosine Phosphatase, Receptor Type, C detection in Enzyme-Linked Immunosorbent Assay and Flow Cytometry. It was expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra-purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Rabbit
Target Species	Human
Isotype	IgG
Isotype Control	C15420
Secondary Antibody	C76327; C54620; C13205

Property

Expression Species	HEK293F or CHO Cell line
Conjugation	Unconjugated, also available for Biotin, HRP, FITC and PE-labeled form.
Purity	>95%, determined by SDS-PAGE and SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Purified with Protein A or G affinity chromatography
Sterility	0.2 µM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Applications

Application ELISA; FC

Target

Target PTPRC

Alternative Name LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180; PTPRC

Gene ID [5788](#)

UniProt [P08575](#)

Introduction PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitosis, and oncogenic transformation. This PTP contains an extracellular domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus is classified as a receptor type PTP.

Research Area Immunology; Cancer Research

Related Disease Autoimmunity and Cancer

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-381-2994 Fax: 1-631-207-8356

Email: info@creative-biolabs.com

Page 2 / 2

© Creative Biolabs All Rights Reserved