Rabbit PTPRC Polyclonal Antibody | anti-PTPRC antibody

PTPRC Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166687	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

PTPRC; Polyclonal Antibody; PTPRC Polyclonal Antibody; LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180; anti-PTPRC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.7mg/mL (varies by lot)
Sequence Length	756
Applicable Applications for anti-PTPRC antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human PTPRC
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PTPRC Polyclonal Antibody at dilution 1:40

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human Lymphoma tissue using PTPRC Polyclonal Antibody at dilution 1:40

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRC antibody	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, 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. This PTP has been shown to be an essential regulator of T- and B-cell antigen receptor signaling. It functions through either direct interaction with components of the antigen receptor complexes, or by activating various Src family kinases required for the antigen receptor signaling.
Product Categories/Family for anti-PTPRC antibody	Stem cells; Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	33878495
NCBI GeneID	5788
Molecular Weight	130,898 Da
NCBI Official Full Name	PTPRC protein, partial
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, C
NCBI Official Symbol	PTPRC
NCBI Official Synonym Symbols	LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180
NCBI Protein Information	receptor-type tyrosine-protein phosphatase C; CD45 antigen; T200 glycoprotein; T200 leukocyte common antigen; protein tyrosine phosphatase, receptor type, c polypeptide
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase C
UniProt Gene Name	**PTPRC**
UniProt Synonym Gene Names	CD45; L-CA
UniProt Entry Name	PTPRC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/ptprc-antibody-immunohistochemistry-elisa/166687