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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPRC monoclonal antibody (M12), clone 3D3

Catalog # : H00005788-M12

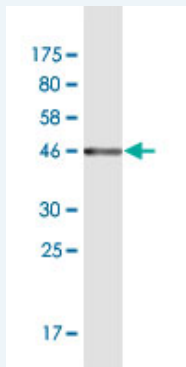
規格 : [100 ug]

List All

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant PTPRC.
Immunogen:	PTPRC (NP_002829.2, 390 a.a. ~ 570 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PGEPQIIFCRSEAAHQGVITWNPPQRSFHNFTLCYIKETEKDCLNLDKNLI KYDLQNLKPYTKYVLSLHAYIIAKVQRNGSAAMCHF TTKSAPPSQVWNMT VSMTSDNSMHVKCRPPDRNGPHERYHLEVEAGNTLVRNESHKNCDFR VKDLQYSTDYTFKAYFHNGDYPGEPFILHHST
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (45.54 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5788](#)

Application Image

Western Blot (Recombinant protein)

ELISA

GeneBank [NM_002838](#)

Accession#:

Protein [NP_002829.2](#)

Accession#:

Gene Name: PTPRC

Gene Alias: B220,CD45,CD45R,GP180,LCA,LY5,T200

Gene Description: protein tyrosine phosphatase, receptor type, C

Omim ID: [126200](#), [151460](#), [609532](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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 contains an extracellular domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus belongs to receptor type PTP. This gene is specifically expressed in hematopoietic cells. 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. This PTP also suppresses JAK kinases, and thus functions as a regulator of cytokine receptor signaling. Four alternatively spliced transcripts variants of this gene, which encode distinct isoforms, have been reported. [provided by RefSeq]

Other Designations: CD45 antigen,T200 glycoprotein,T200 leukocyte common antigen,glycoprotein,leukocyte-common antigen,protein tyrosine phosphatase, receptor type, c polypeptide

Gene Pathway

[Cell adhesion molecules \(CAMs\)](#) [Fc gamma R-mediated phagocytosis](#)
[Primary immunodeficiency](#) [T cell receptor signaling pathway](#)

Related Disease

[Arthritis, Juvenile Rheumatoid Arthritis, Rheumatoid](#) [Ascariasis](#) [Autoimmune Diseases](#)
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