

Datasheet for ABIN7607166

CD45 Protein (AA 24-564) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CD45 (PTPRC)
Protein Characteristics:	AA 24-564
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD45 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse CD45/PTPRC Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. When 0.5 µg/mL of mouse CD45/PTPRC (Cat #: AMC34001) is captured onto a Mouse Anti-6*His Tag Monoclonal Antibody coated plate, the concentration of rmGalectin-1 that produces 50% of the optimal binding is found to be approximately 0.45-1.8 µg/mL.

Target Details

Target:	CD45 (PTPRC)
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Target Details

Alternative Name:	T200 (PTPRC Products)
Background:	T200, Leukocyte common antigen, CD45, L-CA, Receptor-type tyrosine-protein phosphatase C, PTPRC
NCBI Accession:	NP_001104786
Pathways:	TCR Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , CXCR4-mediated Signaling Events , BCR Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months