

Datasheet for ABIN954220
anti-PMPCA antibody (C-Term)

2 Images



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Overview

Quantity:	0.4 mL
Target:	PMPCA
Binding Specificity:	AA 461-490, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PMPCA antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 461-490 amino acids from the C-terminal region of human PMPCA
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human PMPCA (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	PMPCA
Alternative Name:	PMPCA (PMPCA Products)
Background:	Synonyms: Alpha-MPP, INPP5E, KIAA0123, MPPA, Mitochondrial-processing peptidase subunit

Target Details

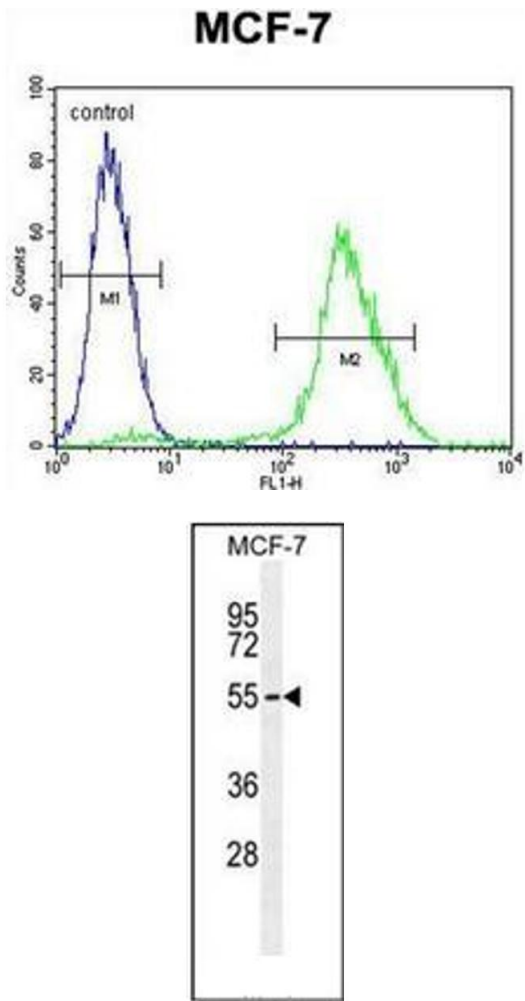
	alpha, P-55
Molecular Weight:	58253 Da
Gene ID:	23203
NCBI Accession:	NP_055975
Pathways:	Inositol Metabolic Process , SARS-CoV-2 Protein Interactome

Application Details

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

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of MCF-7 cells using PMPCA Antibody (C-term) Cat.-No AP53362PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of PMPCA Antibody (C-term) in MCF-7 cell line lysates (35ug/lane). This demonstrates the PMPCA antibody detected the PMPCA protein (arrow).