

Datasheet for ABIN6165849
anti-PSAP antibody (CF®647)



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Overview

Quantity:	100 µL
Target:	PSAP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PSAP antibody is conjugated to CF®647
Application:	Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Mouse Monoclonal anti-Prostate-Specific-Acid Phosphatase (ACPP/1339), CF647 Conjugate
Immunogen:	Recombinant human full-length ACPP
Clone:	ACPP-1339
Isotype:	IgG1
Characteristics:	This antibody recognizes a protein of 52 kDa, identified as prostate specific acid phosphatase (PSAP). This enzyme catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland. PSAP is found in non-neoplastic adult and fetal prostatic glands, primary and metastatic prostatic carcinomas. It shows no staining in granulocytes, osteoclasts, parietal cells of the stomach, liver cells, renal cell or breast carcinomas. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer

Product Details

exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	PSAP
Alternative Name:	Prostate-Specific-Acid Phosphatase (PSAP Products)
Background:	5',-nucleotidase (5',-NT), Acid phosphatase prostate, ACP3, Ecto-5',-nucleotidase, Prostatic acid phosphatase (PAP), Prostatic acid phosphatase, Thiamine monophosphatase (TMPase)
Molecular Weight:	52 kDa
Gene ID:	55, 433060
UniProt:	P15309

Application Details

Application Notes:	Immunohistology (frozen only) 0.5-1 µg/mL - Immunofluorescence 0.5-1 µg/mL - Flow Cytometry 0.5-1 µg/million cells/0.1 mL - Optimal dilution for a specific application should be determined by user
Comment:	PC12 cells or normal prostate or prostate carcinoma
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % BSA/0.05 % azide
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:	Protect from light