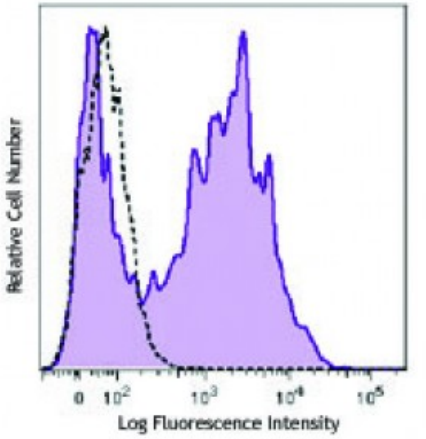
SONY

Product Data Sheet

Biotin anti-human PSMA (FOLH1)

Catalog # / Size:	2312550 / 100 µg
Clone:	LNI-17
Isotype:	Mouse IgG1, κ
Reactivity:	Human
Preparation:	The antibody was purified by affinity chromatography and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	NULL



Human prostatic adenocarcinoma cell line, LNCaP, was stained with biotinylated PSMA (clone LNI-17, filled histogram) or mouse IgG1 isotype control (open histogram), followed by Sav-PE.

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤1.0 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.
Application References:	NULL

Description:	PSMA (prostate-specific membrane antigen) is a type II transmembrane zinc metallopeptidase, belonging to the M28 peptidase family. It possesses hydrolyzing enzyme activities and is also known as FOLH1 (folate hydrolase 1), GCP2 (glutamate carboxypeptidase II), and NAALADase I (N-acetylated-α-linked acidic dipeptidase I). PSMA is expressed by normal and malignant prostate epithelial cells, by urothelial adenocarcinoma, and vasculatures of other malignancies. It is also found in the nervous system.
Antigen References:	1. Silver DA, *et al.* 1997. *Clin. Cancer Res.* 3:81. 2. Troyer JK, *et al.* 1995. *Int. J. Cancer.* 62:552. 3. Mannweiler S, *et al.* 2009. *Pathol. Oncol. Res.* 15:167.

Sony Biotechnology Inc. 1730 North First Street, San Jose, CA 95112 www.sonybiotechnology.com