

Datasheet for ABIN6937246
anti-PSMA antibody (AA 232-433)



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Overview

Quantity:	100 µg
Target:	PSMA (FOLH1)
Binding Specificity:	AA 232-433
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PSMA antibody is un-conjugated
Application:	ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant human FOLH1 protein fragment (around aa 232-433) (exact sequence is proprietary)
Clone:	FOLH1-2121
Isotype:	IgG2b kappa
Specificity:	Folate hydrolase 1 (FOLH1), also known as Prostate-specific membrane antigen (PSMA), is a type II transmembrane glycoprotein belonging to the M28 peptidase family. FOLH1 has two enzymatic activities, one as a prostate-specific integral membrane folate hydrolase and the other as a carboxypeptidase. In the prostate the protein is up-regulated in cancerous cells and is used as an effective diagnostic and prognostic indicator of prostate cancer.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	PSMA (FOLH1)
Alternative Name:	FOLH1 (FOLH1 Products)
Background:	Cell growth-inhibiting gene 27 protein (GIG27), Folylpoly-gamma-glutamate carboxypeptidase (FGCP), Glutamate carboxylase II (GCPII), N-acetylated-alpha-linked acidic dipeptidase I (NAALAD1 or NAALADase), Prostate-specific membrane antigen (PSM or PSMA), Pteroylpoly-gamma-glutamate carboxypeptidase,FOLH1 / PSMA (Prostate Epithelial Marker) Cellular localisation: Cell Surface and Cytoplasmic
Molecular Weight:	100kDa
Gene ID:	2346, 654487
UniProt:	Q04609

Application Details

Application Notes:	Known_Application: ELISA (For coating, order Ab without BSA), Optimal dilution for a specific application should be determined. Positive_Control: LNCap or HepG2 cells. Prostate Carcinoma.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months