

Datasheet for ABIN7543286

Recombinant anti-PSMA antibody



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Overview

Quantity:	200 µg
Target:	PSMA (FOLH1)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This PSMA antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	Anti-PSMA [11d1e5E10], Rabbit IgG, kappa
Immunogen:	The original antibody was generated by immunizing mice with a HIS tagged human PSMA fragment (amino acids between 307 to 750).
Clone:	11d1e5E10
Isotype:	IgG kappa
Specificity:	This antibody binds an epitope between amino acids 370 and 750 of the human PSMA. Prostate-specific membrane antigen (PSMA) is a type II integral membrane glycoprotein belonging to the M28 peptidase family. It acts as a glutamate carboxypeptidase on different alternative substrate. It is highly expressed in cancerous cells and is used as an effective diagnostic and prognostic indicator of prostate cancer.
Characteristics:	Original Species of Ab: Mouse

Product Details

	Original Format of Ab: IgG1
Purification:	Protein A affinity purified

Target Details

Target:	PSMA (FOLH1)
Alternative Name:	PSMA (FOLH1 Products)
Background:	PSM, FOLH1, FOLH, FGCP, GCPII, mGCP, NAALAD1, GIG27, Prostate specific membrane antigen, Glutamate carboxypeptidase 2, Cell growth-inhibiting gene 27 protein, Folate hydrolase 1, Folylpoly-gamma-glutamate carboxypeptidase, Glutamate carboxypeptidase II, Membrane glutamate carboxypeptidase, N-acetylated-alpha-linked acidic dipeptidase I, NAALADase I, Prostate-specific membrane antigen, Pteroylpoly-gamma-glutamate carboxypeptidase
UniProt:	Q04609

Application Details

Application Notes:	The binding characterization of this antibody was done using ELISA. This antibody is also recommended for the detection of PSMA using immunohistochemistry (CN112480260).
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.