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Datasheet for ABIN7164965

anti-PSMA7 antibody (AA 5-232) (Biotin)

Overview

Quantity:	100 µg
Target:	PSMA7
Binding Specificity:	AA 5-232
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMA7 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Proteasome subunit alpha type-7 protein (5-232AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PSMA7
Alternative Name:	PSMA7 (PSMA7 Products)
Background:	Background: The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at

Target Details

neutral or slightly basic pH . The proteasome has an ATP-dependent proteolytic activity. Plays an important role in the regulation of cell proliferation or cell cycle control, transcriptional regulation, immune and stress response, cell differentiation, and apoptosis. Interacts with some important proteins involved in transcription factor regulation, cell cycle transition, viral replication and even tumor initiation and progression. Inhibits the transactivation function of HIF-1A under both normoxic and hypoxia-mimicking conditions. The interaction with EMAP2 increases the proteasome-mediated HIF-1A degradation under the hypoxic conditions. Plays a role in hepatitis C virus internal ribosome entry site-mediated translation. Mediates nuclear translocation of the androgen receptor (AR) and thereby enhances androgen-mediated transactivation. Promotes MAVS degradation and thereby negatively regulates MAVS-mediated innate immune response

Aliases: C6 antibody, HSPC antibody, MGC3755 antibody, OTTHUMP00000031449 antibody, OTTHUMP00000031450 antibody, OTTHUMP00000031453 antibody, Proteasome (prosome macropain) subunit alpha type 7 antibody, Proteasome alpha 7 subunit antibody, Proteasome subunit alpha 4 antibody, Proteasome subunit alpha type 7 antibody, Proteasome subunit alpha type-7 antibody, Proteasome subunit RC6 1 antibody, Proteasome subunit RC6-1 antibody, Proteasome subunit XAPC7 antibody, PSA7_HUMAN antibody, PSMA 7 antibody, PSMA7 antibody, RC6 1 antibody, XAPC7 antibody

UniProt: [O14818](#)

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Synthesis of DNA](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.