

Datasheet for ABIN7487737

Recombinant anti-MAGEA3 antibody



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Overview

Quantity:	200 µg
Target:	MAGEA3
Reactivity:	Human
Host:	Human
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This MAGEA3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Purpose:	Anti-MAGEA3 [21B4], Human IgG1, kappa
Immunogen:	The original antibody was isolated from a patient suffering from a tumor expressing a tumor specific antigen like MAGE-A3.
Clone:	21B4
Isotype:	IgG1 kappa
Specificity:	This antibody binds human MAGEA3 and MAGEA6, but does not cross react with other members of the MAGE family like MAGE-A1, MAGE-A4 and MAGE-A10. MAGE-A3 is a tumor specific antigen and it is expressed on many tumors like melanoma, non-small cell lung cancer, hematologic malignancies, and others.
Characteristics:	Original Species of Ab: Human

Product Details

Original Format of Ab: IgG1

Purification: Protein A affinity purified

Target Details

Target: MAGEA3

Alternative Name: MAGEA3 ([MAGEA3 Products](#))

Background: MAGE-3, MAGE3, MAGE 3, CT1.3, MAGE-3 antigen, Melanoma-associated antigen 3, Antigen MZ2-D, Cancer/testis antigen 1.3, MAGEA6, MAGE6, Melanoma-associated antigen 6, Cancer/testis antigen 1.6, CT1.6, MAGE-6 antigen, MAGE3B antigen

UniProt: [P43357](#), [P43360](#)

Application Details

Application Notes: The binding specificity of this antibody towards MAGE-A3 was determined using ELISA. The original antibody cross reacts with MAGEA6 but does not react with other members of the MAGE family in an ELISA or western blot assay. This antibody was used in the detection of HEK293T cells expressing MAGEA3 and MAGEA6 using flow cytometry. The original IgG1 antibody was capable of immunoprecipitating MAGE-A3 from lysates of SK-MEL-37 cells endogenously expressing MAGEA3. The original antibody was also used in the immunohistochemical staining of tissues from normal testis and squamous cell carcinoma of the lung (US20140093514).

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.