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Datasheet for ABIN7159259 anti-MAGEA2 antibody (AA 1-104) (HRP)

Overview

Quantity:	100 µg
Target:	MAGEA2
Binding Specificity:	AA 1-104
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAGEA2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Melanoma-associated antigen 2 protein (1-104AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MAGEA2
Alternative Name:	MAGEA2 (MAGEA2 Products)
Background:	Background: Reduces p53/TP53 transactivation function through recruitment of HDAC3 to p53/TP53 transcription sites. Also represses p73/TP73 activity. Proposed to enhance ubiquitin

Target Details

ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. In vitro enhances ubiquitin ligase activity of TRIM28 and stimulates p53/TP53 ubiquitination by TRIM28 potentially in presence of Ubl-conjugating enzyme UBE2H. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex. May play a role in embryonal development and tumor transformation or aspects of tumor progression. In vitro promotes cell viability in melanoma cell lines. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes. Negatively regulates acetylation and sumoylation of PML and represses PML-induced p53/TP53 acetylation and activation.

Aliases: MAGEA2 antibody, MAGE2 antibody, MAGEA2A, antibody, MAGEA2B antibody, MAGE2 antibody, MAGEA2 antibody, Melanoma-associated antigen 2 antibody, Cancer/testis antigen 1.2 antibody, CT1.2 antibody, MAGE-2 antigen antibody

UniProt: [P43356](#)

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.

Storage: -20 °C, -80 °C

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