antibodies - online.com







anti-MAGEA2 antibody (AA 1-104)



Image



Overview

| Quantity: | 100 μg |
|----------------------|---------------------------------------|
| Target: | MAGEA2 |
| Binding Specificity: | AA 1-104 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MAGEA2 antibody is un-conjugated |
| Application: | Western Blotting (WB), 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:

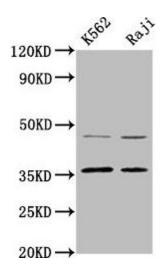
P43356

Application Details

Storage Comment:

| Application Notes: | Recommended dilution: WB:1:500-1:5000, |
|--------------------|---|
| 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 Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: K562 whole cell lysate, Raji whole cell lysate All lanes: MAGEA2 antibody at $4.4 \,\mu\text{g/mL}$ Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 36 kDa Observed band size: 36 kDa