

## Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000

**Protein Background:**

Reduces p53/TP53 transactivation function through recruitment of HDAC3 to p53/TP53 transcription sites. Also represses p73/TP73 activity. Proposed to enhance ubiquitin 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.

**Gene ID:**

MAGEA2

**Uniprot**

P43356

**Synonyms:**

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

**Immunogen:**

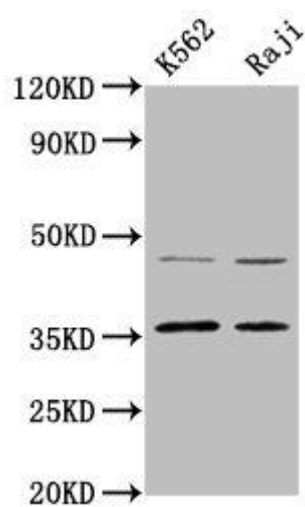
Recombinant Human Melanoma-associated antigen 2 protein (1-104AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

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