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MAGEA1 / MAGE 1 Antibody (aa260-309)

Rabbit Polyclonal Antibody
Catalog # ALS15053

Specification

MAGEA1 / MAGE 1 Antibody (aa260-309) - Product Information

Application	**WB, IHC**
Primary Accession	P43355
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**34kDa KDa**

MAGEA1 / MAGE 1 Antibody (aa260-309) - Additional Information

Gene ID 4100

Other Names
Melanoma-associated antigen 1, Antigen MZ2-E, Cancer/testis antigen 1.1, CT1.1, MAGE-1 antigen, MAGEA1, MAGE1, MAGE1A

Target/Specificity
MAGE-1 Antibody detects endogenous levels of total MAGE-1 protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
MAGEA1 / MAGE 1 Antibody (aa260-309) is for research use only and not for use in diagnostic or therapeutic procedures.

MAGEA1 / MAGE 1 Antibody (aa260-309) - Protein Information

Name MAGEA1

Synonyms MAGE1, MAGE1A

Function
May be involved in transcriptional regulation through interaction with SNW1 and recruiting histone deactelyase HDAC1. May inhibit notch intracellular domain (NICD) transactivation. May play a role in embryonal development and tumor transformation or aspects of tumor progression. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes.

Cellular Location
Cytoplasm. Nucleus.

Tissue Location
Expressed in many tumors of several types, such as melanoma, head and neck squamous cell

carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes. Never expressed in kidney tumors, leukemias and lymphomas

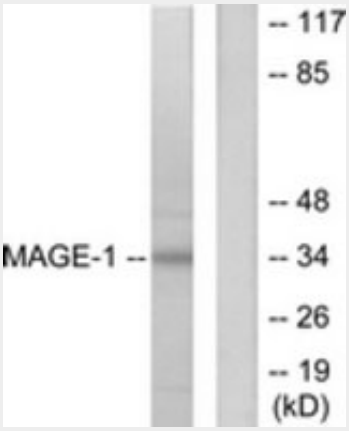
Volume
50 µl

MAGEA1 / MAGE 1 Antibody (aa260-309) - Protocols

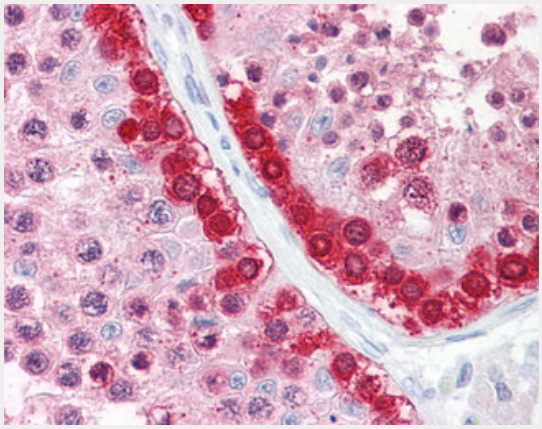
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MAGEA1 / MAGE 1 Antibody (aa260-309) - Images



Western blot of extracts from HepG2 cells, using MAGE-1 Antibody.



Anti-MAGEA1 / MAGE 1 antibody IHC of human testis.

MAGEA1 / MAGE 1 Antibody (aa260-309) - Background

May be involved in transcriptional regulation through interaction with SNW1 and recruiting histone deactelyase HDAC1. May inhibit notch intracellular domain (NICD) transactivation. May play a role in embryonal development and tumor transformation or aspects of tumor progression. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes.

MAGEA1 / MAGE 1 Antibody (aa260-309) - References

van der Bruggen P.,et al.Science 254:1643-1647(1991).
Ding M.,et al.Biochem. Biophys. Res. Commun. 202:549-555(1994).
Wang L.P.,et al.Zhonghua Gan Zang Bing Za Zhi 12:151-155(2004).
Kalnine N.,et al.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).