

Rabbit anti-Human MAGEA10 Polyclonal Antibody | anti-MAGEA10 antibody

Anti-MAGEA10 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256269	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MAGEA10; Polyclonal Antibody; Anti-MAGEA10 Antibody; Rabbit Polyclonal; MAGEA10 Antibody; Rabbit PAb; Antigen Affinity Purified; MAGE family member A10; Anti-CT1.10 Antibody; Anti-MAGE10 Antibody; anti-MAGEA10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MAGEA10
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-MAGEA10 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human MAGEA10 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human MAGEA10 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

MAGEA10 was immunoprecipitated using: Lane A: 0.5 mg U-251 MG Whole Cell Lysate 4 uL anti-MAGEA10 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MAGEA10 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 41 kDa. Observed band size: 45 kDa.



IHC (Immunohistochemistry)

Immunohistochemical staining of human MAGEA10 in human placenta with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-MAGEA10 rabbit polyclonal antibody at 1:500 dilution Lane A: HL60 Whole Cell Lysate Lane B: U-251 MG Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 41 kDa Observed band size: 43 kDa (We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Related Product Information for anti-MAGEA10 antibody	MAGE-A10 is a member of the MAGE protein family (melanoma-associated antigen) which is overexpressed in cancer cells. MAGE-A10 exerts its effects at the level of the epithelial-mesenchymal transition (EMT) presumably by regulating the expression of adhesion molecules. MAGEA10, a testis antigen expressed in tumors but not in normal tissues except for the testis and placenta, represents an attractive target for cancer immunotherapy. However, suppressive cytoenvironment and requirement of specific HLA-alleles presentation frequently led to immunotherapy failure. Melanoma-associated antigen A (MAGEA) represent a class of tumor antigens that are expressed in a variety of malignant tumors. The restricted expression and immunogenicity of these antigens make them ideal targets for immunotherapy in human cancer.
References	Wang L, et al. (2015) Magea10 gene expression in non-small cell lung cancer and a549 cells, and the affinity of epitopes with the complex of hla-a 0201 alleles. Cell Immunol 297 (1): 10-18. Ounap K, et al. (2018) Antibody response against cancer-testis antigens magea4 and magea10 in patients with melanoma. Oncol Lett 16 (1): 211-218. Mendonca BDS, et al. (2017) Suppression of mage-a10 alters the metastatic phenotype of tongue squamous cell carcinoma cells. Biochem Biophys Rep 10 267-275.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/magea10-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/256269>