

Product datasheet for **AP13140PU-N**

MAGEC1 (C-term) Rabbit Polyclonal Antibody

Product data:

| | |
|------------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | ELISA: 1/1,000. Immunohistochemistry: 1/50 - 1/100. Western Blot: 1/100 - 1/500. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human MAGEC1. |
| Specificity: | This antibody reacts to MAGEC1. |
| Formulation: | PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig |
| Concentration: | lot specific |
| Purification: | Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | MAGE family member C1 |
| Database Link: | Entrez Gene 9947 Human O60732 |



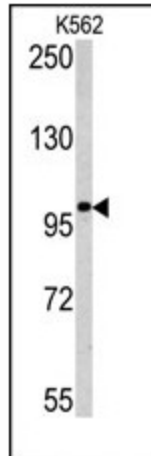
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Background:

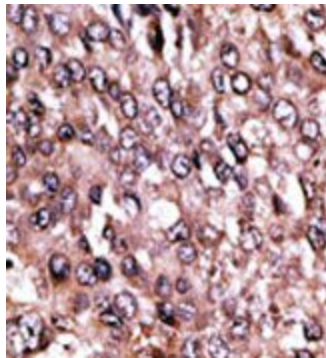
MAGEC1 is a member of the melanoma antigen gene (MAGE) family. The proteins of this family are tumor-specific antigens that can be recognized by autologous cytolytic T lymphocytes. This protein contains a large number of unique short repetitive sequences in front of the MAGE-homologous sequence, thus is about 800 residues longer than the other MAGE proteins. This gene is expressed in a significant proportion of tumors of various histological types, whereas it is silent in normal tissues, except testis. The function of this gene is unknown.

Synonyms:

Melanoma-associated antigen C1, MAGEC1

Product images:


Western blot analysis of MAGEC1 antibody (C-term) in K562 cell line lysates (35ug/lane). MAGEC1 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining.