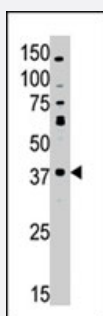


MAGEA10 polyclonal antibody

Catalog # PAB4741

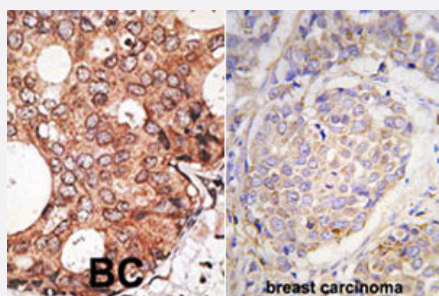
Size 400 uL

Applications



Western Blot (Cell lysate)

The MAGEA10 polyclonal antibody (Cat # PAB4741) is used in Western blot to detect MAGEA10 in HL-60 cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with MAGEA10 polyclonal antibody (Cat # PAB4741), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MAGEA10.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human MAGEA10.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification

Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

The MAGEA10 polyclonal antibody (Cat # PAB4741) is used in Western blot to detect MAGEA10 in HL-60 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — MAGEA10

Entrez GeneID	4109
Protein Accession#	NP_066386
Gene Name	MAGEA10
Gene Alias	MAGE10, MGC10599
Gene Description	melanoma antigen family A, 10
Omim ID	300343
Gene Ontology	Hyperlink

Gene Summary

This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA gene show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

MAGE-10 antigen|OTTHUMP00000025894|melanoma-associated antigen 10

Publication Reference

- [Contrary melanoma-associated antigen-A expression at the tumor front and center: A comparative analysis of stage I and IV head and neck squamous cell carcinoma.](#)

Hartmann S, Brisam M, Rauthe S, Driemel O, Brands RC, Rosenwald A, Kübler AC, Müller-Richter UDA.
Oncology Letters 2016 Oct; 12(4):2942.

Application: IHC-P, Human, Human oral squamous cell carcinoma

- [The melanoma antigen gene \(MAGE\) family is clustered in the chromosomal band Xq28.](#)

Rogner UC, Wilke K, Steck E, Korn B, Poustka A.
Genomics 1995 Oct; 29(3):725.

- [Structure, chromosomal localization, and expression of 12 genes of the MAGE family.](#)

De Plaen E, Arden K, Traversari C, Gaforio JJ, Szikora JP, De Smet C, Brasseur F, van der Bruggen P, Lethe B, Lurquin C, et al..
Immunogenetics 1994 Jan; 40(5):360.