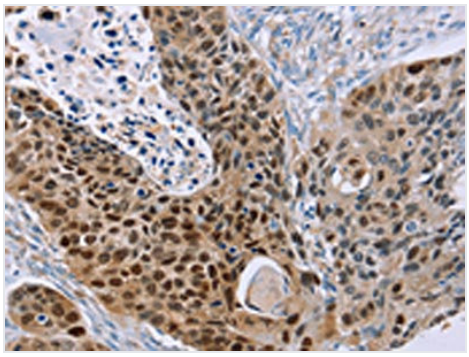
MAGEA10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MAGEA10, Polyclonal Antibody
Full Product Name	MAGEA10 Antibody
Product Gene Name	anti-MAGEA10 antibody
Product Synonym Names	melanoma antigen family A; 10
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	40,780 Da
Chromosome Location	Chromosome: X; NC_000023.10 (151302891..151307025, complement). Location: Xq28
OMIM	300343
3D Structure	ModBase 3D Structure for P43363
Immunogen	Fusion protein of human MAGEA10
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-MAGEA10 antibody	Cancer
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MAGEA10 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-MAGEA10 antibody	ELISA: 1:2000-1:5000 WB: 1:500-1:2000 IHC: 1:25-1:100
Related Product Information for anti-MAGEA10 antibody	MBS7125920 is an antibody targeting MAGEA10. Also known as MAGEA10 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-MAGEA10 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC)-Paraffin of anti-MAGEA10 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using MBS7125920(MAGEA10 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)



SDS-Page of anti-MAGEA10 antibody
Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane: A375 cells, Primary antibody: MBS7125920(MAGEA10 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAGEA10. It may not necessarily be applicable to this product.

NCBI GI #	10567820
NCBI GeneID	4109
NCBI Accession #	NP_066386.1
UniProt Primary Accession #	P43363
UniProt Related Accession #	P43363
GenBank Nucleotide #	NM_021048.3
NCBI Official Full Name	melanoma-associated antigen 10
NCBI Official Synonym Full Names	melanoma antigen family A, 10
NCBI Official Symbol	MAGEA10
NCBI Official Synonym Symbols	CT1.10; MAGE10; MGC10599
UniProt Protein Name	Melanoma-associated antigen 10
UniProt Synonym Protein Names	Cancer/testis antigen 1.10; CT1.10; MAGE-10 antigen
Protein Family	Melanoma-associated antigen
UniProt Gene Name	MAGEA10
UniProt Synonym Gene Names	MAGE10
UniProt Entry Name	MAGAA_HUMAN
NCBI Protein Information	melanoma-associated antigen 10; MAGE-10 antigen; OTTHUMP00000025894; OTTHUMP00000025895; OTTHUMP00000025896; cancer/testis antigen 1.10; cancer/testis antigen family 1, member 10
NCBI Summary for MAGEA10	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 genes 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. Read-through transcription also exists between this gene and the downstream melanoma antigen family A, 5 (MAGEA5) gene.[provided by RefSeq]

UniProt Comments for MAGEA10	MAGE-A10: Not known, though may play a role in embryonal development and tumor transformation or aspects of tumor progression. Chromosomal Location of Human Ortholog: Xq28 Cellular Component: nucleus
Research Articles on MAGEA10	**1.** This is the first report of these MAGE-A10 alternative splice sequences, and characterization of MAGE-A expression
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