



# Anti-MAGEA1 (aa 98-171) polyclonal antibody (DPAB-DC1889)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	MAGEA1 (NP_004979, 98 a.a. ~ 171 a.a) partial recombinant protein with GST tag. The sequence is FRAVITKKVADLVGFLLLKYRAREPVTKAEMLESVIKNYKHCFPEIFGKASESLQLVFGI DVKEADPTGHSYVL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MAGEA1 melanoma antigen family A, 1 (directs expression of antigen MZ2-E) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MAGEA1
<b>Synonyms</b>	MAGEA1; melanoma antigen family A, 1 (directs expression of antigen MZ2-E); CT1.1; MAGE1; melanoma-associated antigen 1; antigen MZ2-E; MAGE-1 antigen; melanoma antigen MAGE-1; cancer/testis antigen 1.1; melanoma antigen family A 1; melanoma-associated antigen MZ2-E; cancer/testis antigen family 1, member 1;
<b>Entrez Gene ID</b>	<a href="#">4100</a>
<b>Protein Refseq</b>	<a href="#">NP_004979</a>
<b>UniProt ID</b>	<a href="#">P43355</a>
<b>Chromosome Location</b>	Xq28
<b>Pathway</b>	Delta-Notch Signaling Pathway;
<b>Function</b>	histone deacetylase binding; protein binding;