



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

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

GENE INFORMATION

Gene Name	MAGEA1 melanoma antigen family A, 1 (directs expression of antigen MZ2-E) [Homo sapiens (human)]
Official Symbol	MAGEA1
Synonyms	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;
Entrez Gene ID	4100
Protein Refseq	NP_004979
UniProt ID	P43355
Chromosome Location	Xq28
Pathway	Delta-Notch Signaling Pathway;
Function	histone deacetylase binding; protein binding;
