

For Research Use Only

# MAGEA4 Recombinant monoclonal antibody

Catalog Number: 84248-8-RR



## Basic Information

<b>Catalog Number:</b> 84248-8-RR	<b>GenBank Accession Number:</b> BC017723	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 4103	<b>CloneNo.:</b> 241558D9
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P43358	<b>Recommended Dilutions:</b> IHC: 1:1500-1:6000
<b>Immunogen Catalog Number:</b> AG3193	<b>Full Name:</b> melanoma antigen family A, 4	
	<b>Calculated MW:</b> 317 aa, 35 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human testis tissue,
<b>Species Specificity:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

MAGEA4, also named MAGE4 and CT1.4, is one of the germ cell-specific markers (PMID:16540528). SMAGEA4 is one of the subgroup I MAGEAs members, which may play important roles in the immune surveillance of certain tumor types and play important roles during embryogenesis.(PMID:15222021)

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

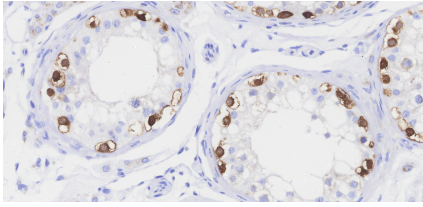
T: 4006900926

E: Proteintech-CN@ptglab.com

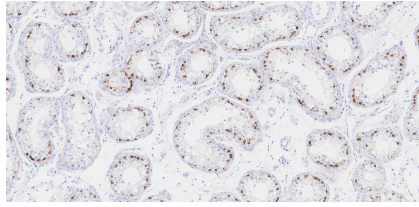
W: ptgcn.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 84248-8-RR (MAGEA4 antibody) at dilution of 1:3000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 84248-8-RR (MAGEA4 antibody) at dilution of 1:3000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).