

For Research Use Only

# MAGEA4 Recombinant antibody

Catalog Number: 84248-4-RR



## Basic Information

Catalog Number:

84248-4-RR

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3193

GenBank Accession Number:

BC017723

GeneID (NCBI):

4103

UNIPROT ID:

P43358

Full Name:

melanoma antigen family A, 4

Calculated MW:

317 aa, 35 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

241558G7

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : A431 cells, human testis tissue, U2OS cells, A375 cells

## 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) The antibody is specific to MAGEA4.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

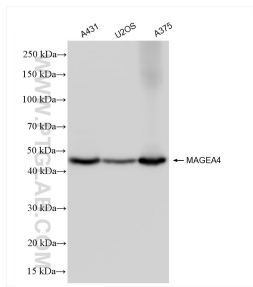
For technical support and original validation data for this product please contact:

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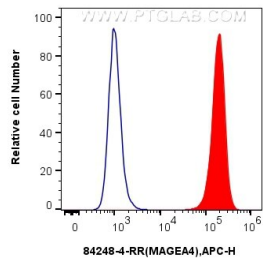
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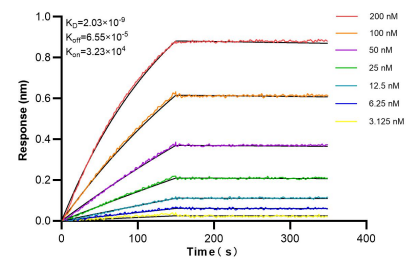
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84248-4-RR (MAGEA4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1x10<sup>6</sup> A431 cells were intracellularly stained with 0.25 ug MAGEA4 Recombinant antibody (84248-4-RR, Clone:241558G7) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



Biolayer interferometry (BLI) kinetic assays of 84248-4-RR against Human MAGEA4 were performed. The affinity constant is 2.03 nM.