

MAGEA4 Polyclonal antibody

Catalog Number: 55109-1-AP

Basic Information

Catalog Number:

55109-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001011548

GeneID (NCBI):

4103

UNIPROT ID:

P43358

Full Name:

melanoma antigen family A, 4

Calculated MW:

35 kDa

Observed MW:

35-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human

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

Positive Controls:

WB : human placenta tissue, A375 cells

IHC : human breast cancer tissue,

Background Information

MAGEA4, also named as MAGE4 and CT1.4, is one of the germ cell-specific markers (PMID:16540528). SMAGEA4 is one of 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:

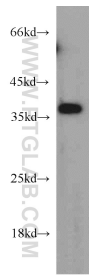
Store at -20°C.

Storage Buffer:

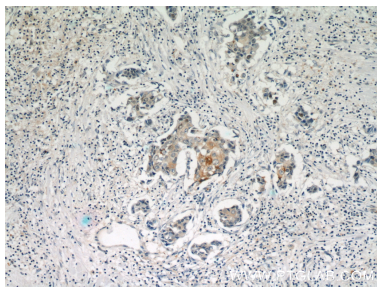
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

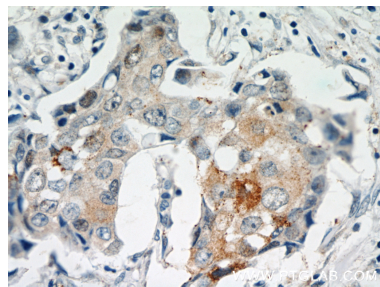
Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 55109-1-AP (MAGEA4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 55109-1-AP (MAGEA4 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer using 55109-1-AP (MAGEA4 antibody) at dilution of 1:50 (under 40x lens).