

For Research Use Only

# MAGEA3 Monoclonal ANTIBODY



Catalog Number: 60054-1-Ig

## Basic Information

Catalog Number:  
60054-1-Ig

Size:  
150 µg/150 µl

Source:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G purification

Immunogen Catalog Number:  
AG0265

GenBank Accession Number:  
BC000340

GeneID (NCBI):  
4102

Full Name:  
melanoma antigen family A, 3

Calculated MW:  
314aa, 35 kDa

Observed MW:  
35-55 kDa

Recommended Dilutions:  
WB 1:1000-1:4000  
IHC 1:50-1:500

## Applications

Tested Applications:  
IHC, WB, ELISA

Species Specificity:  
human, mouse, rat, pig

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

Positive Controls:

WB : mouse brain tissue; fetal human brain tissue, human testis tissue, rat brain tissue

IHC : human lung cancer tissue; human oesophagus cancer tissue, human testis tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
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## Storage

Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

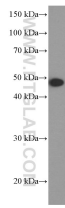
For technical support and original validation data for this product please contact:

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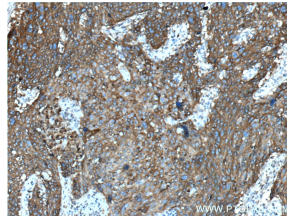
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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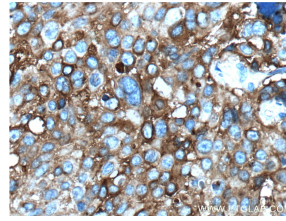
## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 60054-1-Ig(MAGEA3 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using 60054-1-Ig(MAGEA3 Antibody) at dilution of 1:200 (under 10x lens), heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using 60054-1-Ig(MAGEA3 Antibody) at dilution of 1:200 (under 40x lens), heat mediated antigen retrieved with Tris-EDTA buffer(pH9).