

# ERp29 Rabbit mAb

Catalog No.: A19771 **Recombinant**

## Basic Information

### Observed MW

30kDa

### Calculated MW

29kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC2295

## Background

This gene encodes a protein which localizes to the lumen of the endoplasmic reticulum (ER). It is a member of the protein disulfide isomerase (PDI) protein family but lacks an active thioredoxin motif, suggesting that this protein does not function as a disulfide isomerase. The canonical protein dimerizes and is thought to play a role in the processing of secretory proteins within the ER. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC-P</b>	1:500 - 1:1000

## Immunogen Information

### Gene ID

10961

### Swiss Prot

P30040

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-102 of human ERp29 (P30040).

### Synonyms

ERp28; ERp31; PDIA9; PDI-DB; C12orf8; HEL-S-107; ERp29

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

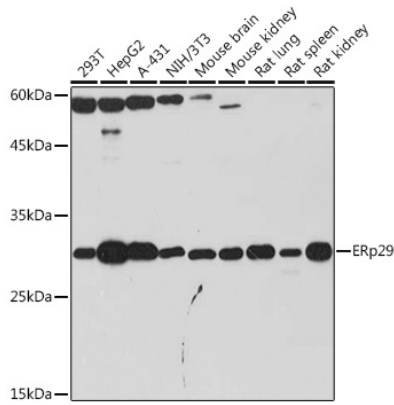
Affinity purification

### Storage

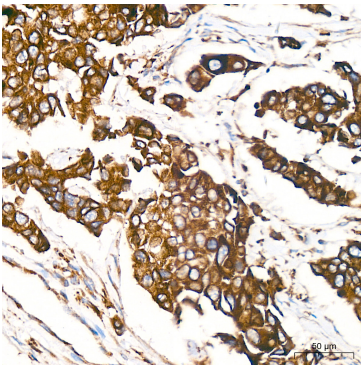
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

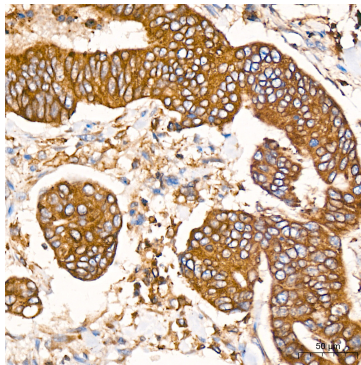
## Validation Data



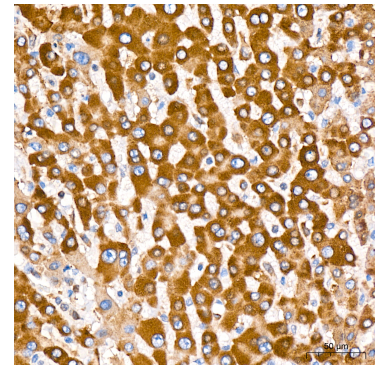
Western blot analysis of various lysates using ERp29 Rabbit mAb (A19771) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



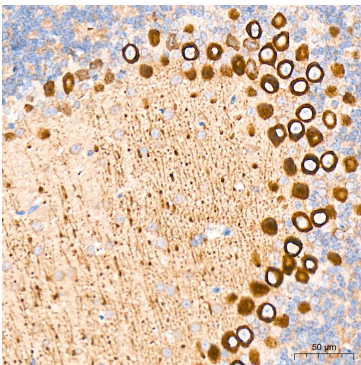
Immunohistochemistry analysis of ERp29 in paraffin-embedded human breast cancer tissue using ERp29 Rabbit mAb (A19771) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



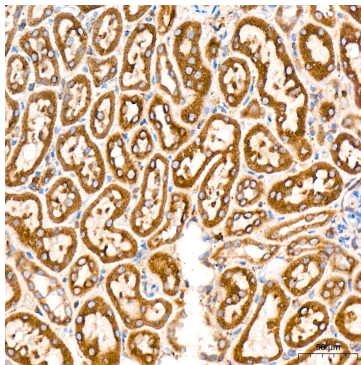
Immunohistochemistry analysis of ERp29 in paraffin-embedded human colon carcinoma tissue using ERp29 Rabbit mAb (A19771) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of ERp29 in paraffin-embedded human liver tissue using ERp29 Rabbit mAb (A19771) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of ERp29 in paraffin-embedded mouse brain tissue using ERp29 Rabbit mAb (A19771) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of ERp29 in paraffin-embedded rat kidney tissue using ERp29 Rabbit mAb (A19771) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.