

## Cytokeratin 6A Monoclonal antibody

Catalog Number: 68294-1-Ig

1 Publications

## Basic Information

Catalog Number:

68294-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0882

GenBank Accession Number:

BC008807

GeneID (NCBI):

3853

UNIPROT ID:

P02538

Full Name:

keratin 6A

Calculated MW:

60 kDa

Observed MW:

60 kDa

Purification Method:

Protein G purification

CloneNo.:

1G1D7

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:1150-1:4600

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IF

Species Specificity:

Human, mouse, rat

Cited Species:

mouse

**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** : HaCaT cells, A431 cells, human saliva, rat skin tissue, mouse skin tissue

**IHC** : human cervical cancer tissue, human oesophagus cancer tissue

## Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. Keratin 6 is a type II keratin. It is used as a marker for epidermal hyperproliferation and differentiation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Hanhao Zheng	38428409	Cancer Cell	IF

## 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

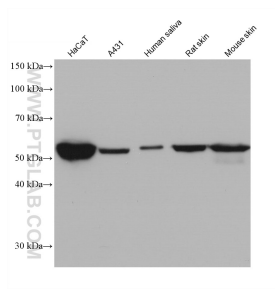
For technical support and original validation data for this product please contact:

T: 4006900926

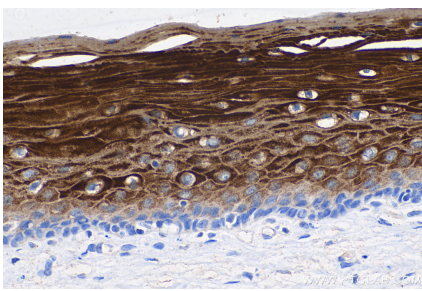
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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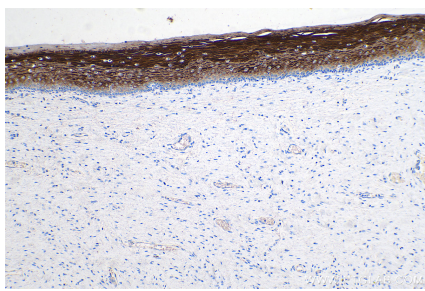
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68294-1-Ig (Cytokeratin 6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 68294-1-Ig (Cytokeratin 6 antibody) at dilution of 1:2300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 68294-1-Ig (Cytokeratin 6 antibody) at dilution of 1:2300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).