

## Catalog #: 5325

### Aliases

KRT7; Keratin 7; CK-7; SCL; K7; Keratin, Type II Cytoskeletal 7; Sarcolectin; K2C7; CK7; Keratin, 55K Type II Cytoskeletal; Type-II Keratin Kb7; Keratin 7, Type II; Cytokeratin 7; Keratin, Simple Epithelial Type I, K7; Type II Mesothelial Keratin K7; Cytokeratin-7; Keratin-7

### Background

Gene Name: KRT7

NCBI Gene Entry: [3855](#)

UniProt Entry: [P08729](#)

### Application Information

Molecular Weight: Predicted, 51 kDa; observed, 54 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB965

Species Reactivity: Human

Applications Tested: Western blotting (WB)

### Immunogen

Recombinant protein of human Cytokeratin 7

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

**Note:** This product is for research use only.

### Validation Data

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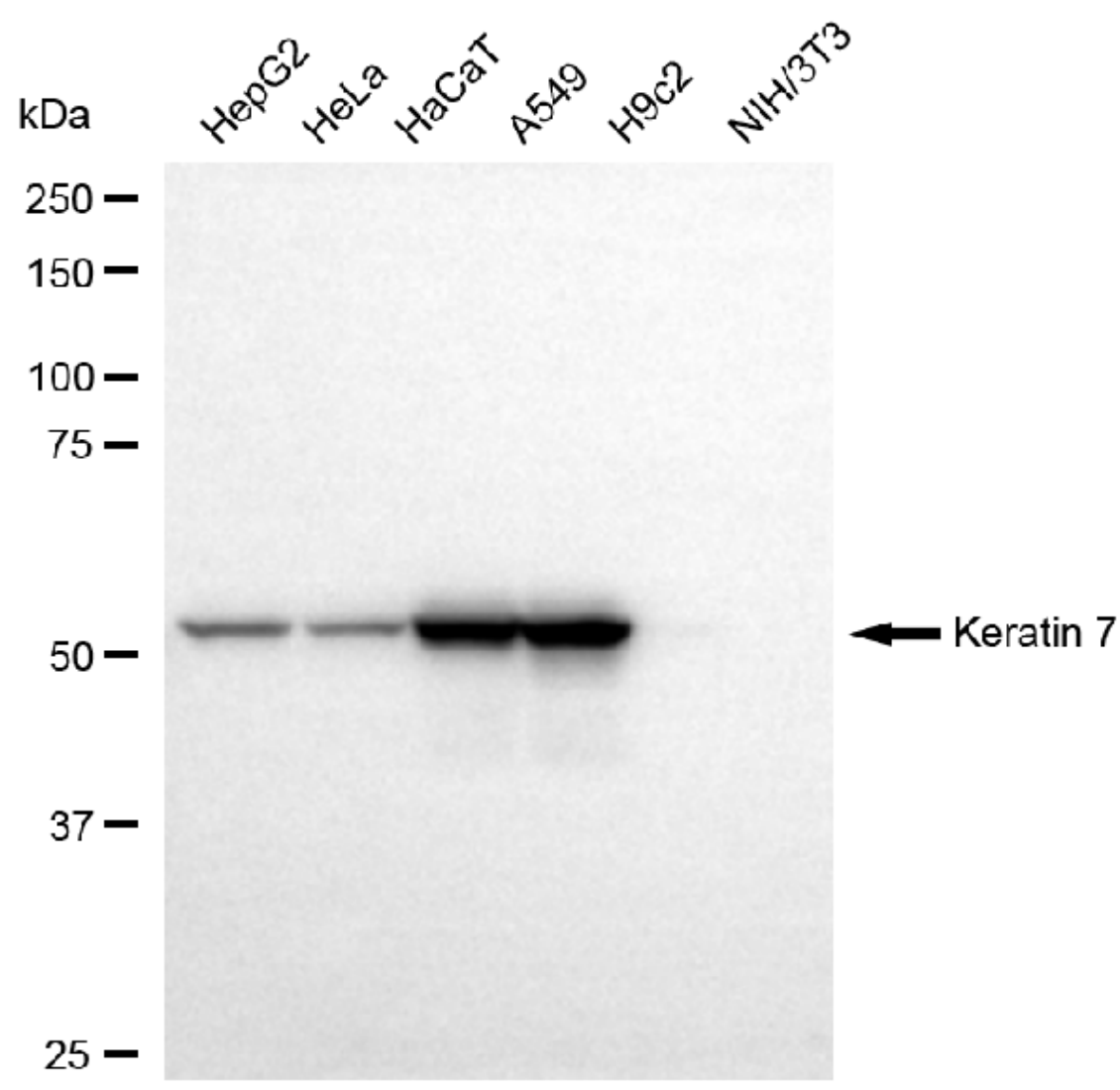
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SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

#### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)



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Western blotting analysis using anti-keratin 7 antibody (Cat#5325). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-keratin 7 antibody (Cat#5325, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

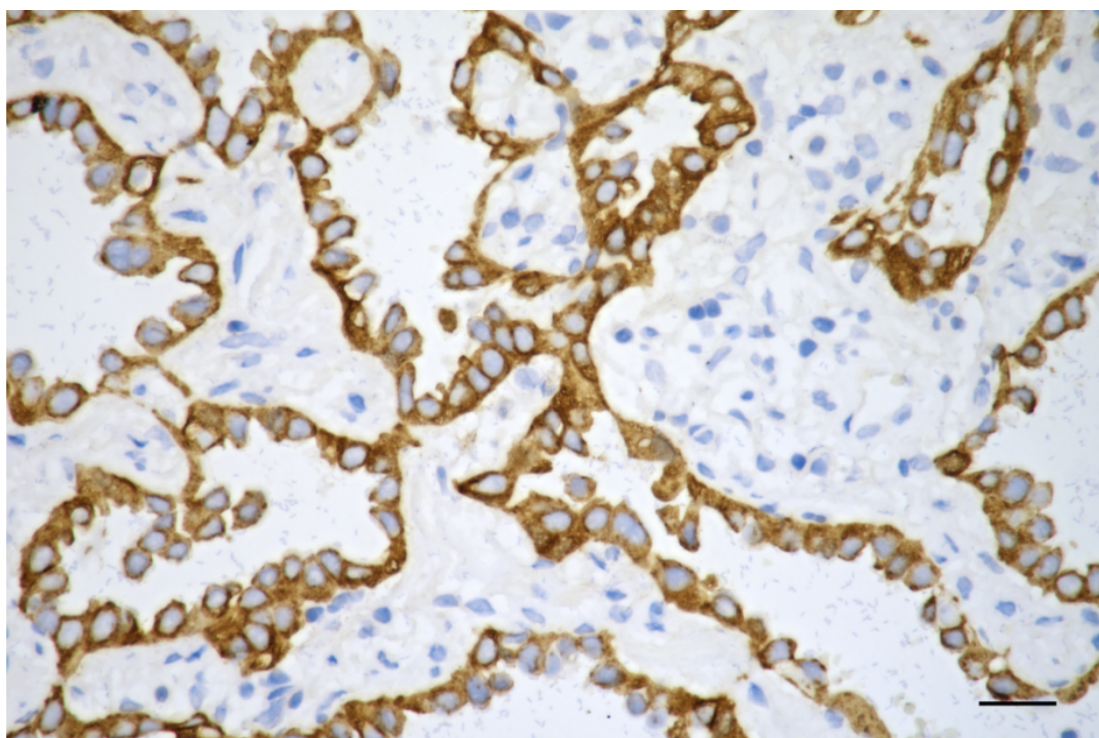
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Immunohistochemistry was performed on paraffin-embedded human lung adenocarcinoma using anti-glial fibrillary acidic protein antibody (Cat#5325, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25  $\mu$ m.