

# Keratin 7 (C-terminus) Antibody

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AP52674

## Product Information

|                   |                        |
|-------------------|------------------------|
| Application       | WB, ICC                |
| Primary Accession | <a href="#">P08729</a> |
| Reactivity        | Human                  |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Isotype           | IgG2b                  |
| Calculated MW     | 51386                  |

## Additional Information

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID     | 3855                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Other Names | CK 7;CK-7;ck7;Cytokeratin 7;Cytokeratin-7;Cytokeratin7;D15Wsu77e;K2C7;K2C7_HUMAN;K7;Keratin 55k type ii cytoskeletal;Keratin 7;Keratin simple epithelial type 1 k7;Keratin type II cytoskeletal 7;Keratin type ii cytoskeletal 7;Keratin, 55K type II cytoskeletal;Keratin, simple epithelial;Keratin, simple epithelial type I, K7;Keratin, type II cytoskeletal 7;Keratin-7;Keratin7;KRT 7;Krt2-7;KRT7;MGC11625;MGC129731;mgc3625;Sarcolectin;SCL;Type ii mesothelial keratin k7;Type-II keratin Kb7. |
| Dilution    | WB~~1:1000 ICC~~1:150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Format      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Storage     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                |

## Protein Information

|                   |                                                                                                                                                                                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | KRT7                                                                                                                                                                           |
| Synonyms          | SCL                                                                                                                                                                            |
| Function          | Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7). |
| Cellular Location | Cytoplasm.<br><br>Expressed in cultured epidermal, bronchial and mesothelial cells but absent                                                                                  |

## Tissue Location

in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.

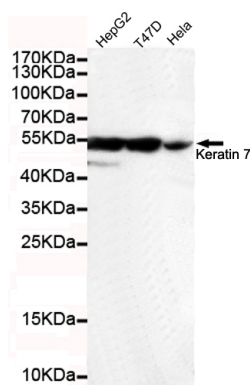
## Background

Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).

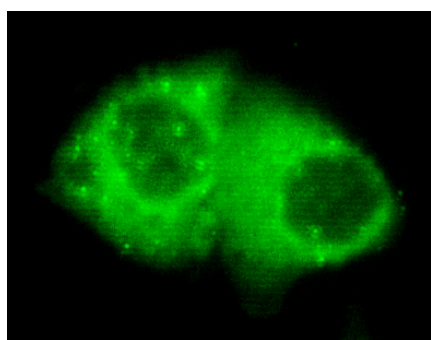
## References

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Glass C.,et al.J. Cell Biol. 107:1337-1350(1988).  
Kaba A.,et al.Biochimie 81:709-715(1999).  
Smith F.J.D.,et al.Biochem. Biophys. Res. Commun. 297:818-827(2002).  
Scherer S.E.,et al.Nature 440:346-351(2006).

## Images



Western blot detection of Keratin 7(C-terminus) in T47D,HeLa and HepG2 cell lysates using Keratin 7(C-terminus) mouse mAb (1:1000 diluted).Predicted band size: 55KDa,Observed band size: 55KDa.



Immunocytochemistry of HeLa cells using anti-Keratin 7(C-terminus) mouse mAb diluted 1:150.

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