

Keratin 7 (C-terminus) Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52674**Specification**

Keratin 7 (C-terminus) Antibody - Product Information

Application	WB, ICC
Primary Accession	P08729
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	55 KDa

Keratin 7 (C-terminus) Antibody - 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

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.09% (W/V) sodium azide, 50%,glycerol

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Keratin 7 (C-terminus) Antibody - 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.

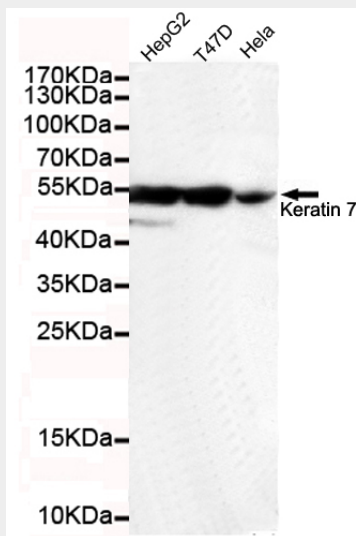
Tissue Location

Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.

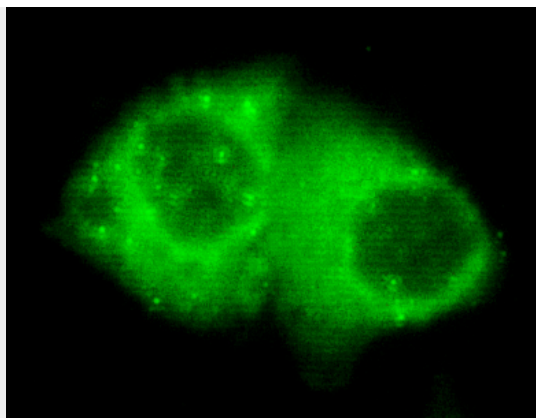
Keratin 7 (C-terminus) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Keratin 7 (C-terminus) Antibody - 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.

Keratin 7 (C-terminus) Antibody - Background

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Keratin 7 (C-terminus) Antibody - References

- Glass C.,et al.J. Cell Biol. 101:2366-2373(1985).
- 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).