

Keratin 7 (C-terminus) Antibody

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AP52674

Product Information

Application	WB, ICC
Primary Accession	P08729
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	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

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.

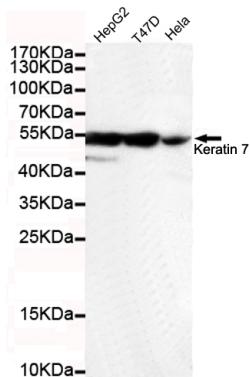
Background

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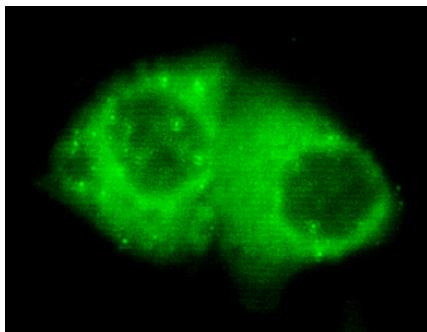
References

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.