

CK7 Monoclonal Antibody(12D7)
Catalog # AP63308**Specification**

CK7 Monoclonal Antibody(12D7) - Product Information

Application	WB, IHC-P, IF, IP
Primary Accession	P08729
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal

CK7 Monoclonal Antibody(12D7) - Additional Information**Gene ID** 3855**Other Names**

KRT7; SCL; Keratin, type II cytoskeletal 7; Cytokeratin-7; CK-7; Keratin-7; K7; Sarcolectin; Type-II keratin Kb7

DilutionWB~~IF: 1:50-200 WB: 1:1000-2000 IHC: 1:200 IP:1:200
IHC-P~~N/A
IF~~IF: 1:50-200 WB: 1:1000-2000 IHC: 1:200 IP:1:200
IP~~N/A**Format**

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions

-20°C

CK7 Monoclonal Antibody(12D7) - 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

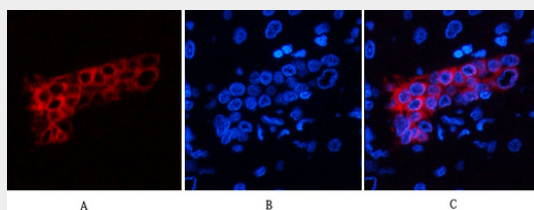
Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.

CK7 Monoclonal Antibody(12D7) - Protocols

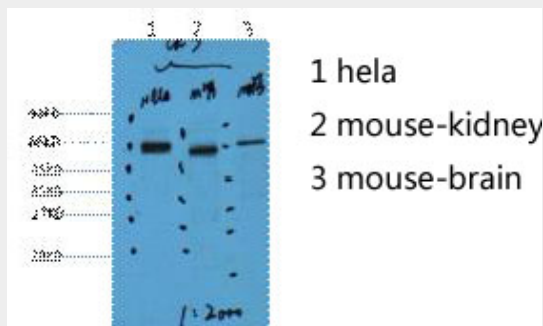
Provided below are standard protocols that you may find useful for product applications.

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

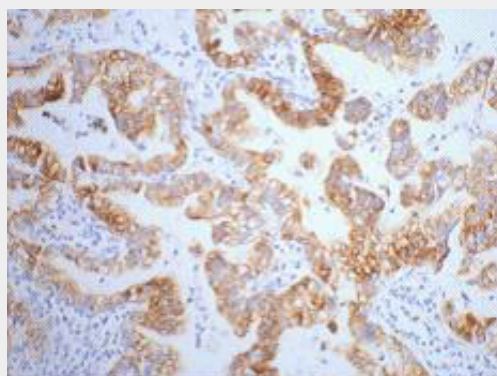
CK7 Monoclonal Antibody(12D7) - Images



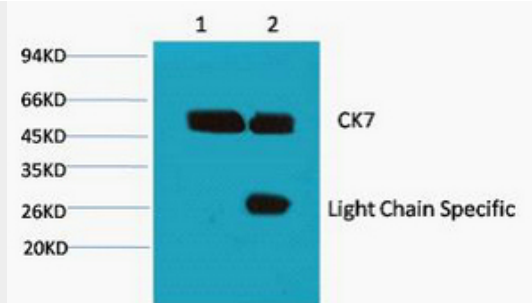
Immunofluorescence analysis of human-liver tissue. 1, CK7 Monoclonal Antibody(12D7)(red) was diluted at 1:200(4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min). 3, Picture B: DAPI(blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



Western blot analysis of 1) HeLa, 2) Mouse Kidney, 3) Mouse Brain, diluted at 1:2000.



IHC staining of human lung cancer tissue, diluted at 1:200.



1) Input: HeLa Cell Lysate 2) IP product: IP dilute 1:200

CK7 Monoclonal Antibody(12D7) - 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).