

Cytokeratin 7 Antibody
Rabbit mAb
Catalog # AP90550**Specification**

Cytokeratin 7 Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	P08729
Clonality	Monoclonal
Other Names	
CK-7; CK7; cytokeratin 7; Cytokeratin-7; K2C7; K7; keratin 7; Keratin-7; KRT7; Sarcolectin; SCL;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	51386 Da

Cytokeratin 7 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cytokeratin 7
Description	K7 a type II cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Phosphorylation of keratins at specific sites affects their organization, assembly dynamics, and their interaction with signaling molecules. Specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Cytokeratin 7 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.

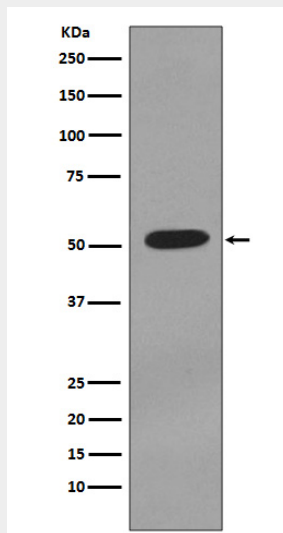
Tissue Location

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.

Cytokeratin 7 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](#)

Cytokeratin 7 Antibody - Images

Western blot analysis of Cytokeratin 7 expression in T47 D cell lysate.