

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

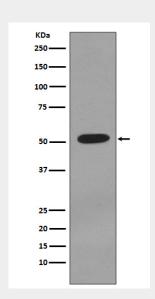
Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.

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
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Cytokeratin 7 Antibody - Images



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