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Cytokeratin 7 Antibody

Rabbit mAb
Catalog # AP90550

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	P08729
Reactivity	Human
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

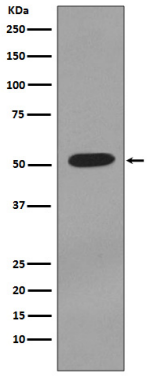
Additional Information

Dilution	WB 1:5000~1:10000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:20
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.

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.

Images



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

Image not found : 202311/AP90550-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human breast carcinoma, using Cytokeratin 7 Antibody .

Image not found : 202311/AP90550-IF.jpg

Immunofluorescent analysis of Hela cells, using Cytokeratin 7 Antibody.

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