

Monoclonal Antibody to Cytokeratin 7 - FITC

Alternate names:	CK-7, CK7, K-7, K7, KRT-7, KRT7, Keratin type II cytoskeletal 7, Keratin-7, SCL, Sarcolectin
Catalog No.:	AM05941FC-N
Quantity:	100 Tests
Background:	Cytokeratin 7 is a 54kD intermediate filament protein found in a variety of glandularepithelia. Cytokeratin 7 has been found in columnar and glandular epithelium of the lung, cervix, breast, bile ducts and larger collecting ducts of the kidney. It is present in the transitional epithelium of bladder as well as ovarian and lungepithelia, and occasionally staining of blood vessel cell walls, particularly endothelial cells, may be observed. However, Cytokeratin 7 is not expressed by epithelial cells of the gastrointestinal tract, colon or prostate. Keratin 7 is often co expressed with keratin 19.
Uniprot ID:	P08729
NCBI:	NP_005547.3
GeneID:	3855
Host / Isotype:	Mouse / IgG2b
Clone:	LP5K
Immunogen:	Cytoskeletal proteins from cultured HeLa cells
Format:	State: Liquid purified Ig fraction Purification: Ammonium Sulphate Precipitation followed by Ion Exchange Chromatography Buffer System: PBS Preservatives: 0.09% Sodium Azide Stabilizers: 0.1% BSA Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Immunohistochemistry on Frozen Sefctions. Immunohistochemistry on Paraffin Sections (Requires protein digestion pre-treatment e.g. trypsin or pronase). <i>Histology Positive Control:</i> Human skin. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody reacts with Cytokeratin 7 which has been found in columnar and glandular epithelium of the lung, cervix, breast, bile ducts and larger collecting ducts of the kidney. Occasionally staining of blood vessel cell walls, particularly endothelial cells, may be observed. Species: Human. Other species not tested.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com



Storage:

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
This products is photosensitive and should be protected from light.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

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