

Basic Information

Product Name	Anti-Cytokeratin 7/KRT7 Antibody (Clone#LDS-68)	
Gene Name	KRT7	
Source	Mouse	
Clonality	Monoclonal	
Isotype	IgG1	
Species Reactivity	human	
Tested Application	WB, IHC	
Contents	200ug/ml antibody with PBS , 0.02% NaN ₃ , 1mg BSA and 50% glycerol.	
Immunogen	Cytoskeletal preparation of the RT4 human bladder carcinoma cell line.	
Concentration	200 ug/ml	
Purification	Ascites	
Observed MW	51 kDa	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

Storage

12 months from date of receipt, -20°C as supplied.

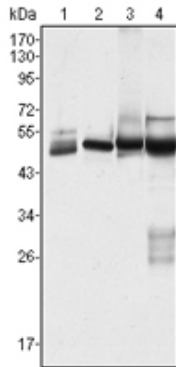
Background Information

KRT7 is a type II keratin of simple nonkeratinizing epithelia. The deduced 489-amino acid protein has a calculated molecular mass of about 54 kD. K7 contains 4 central alpha-helical segments with heptad repeats of hydrophobic residues characteristic of a coiled-coil region. Within this domain, K7 shares 73% homology with epidermal K6B. KRT7 gene contains 9 exons and spans more than 15.6 kb. K7 gene is mapped to chromosome 12. Keratin 7 is expressed in a wide range of epithelial structures in humans.

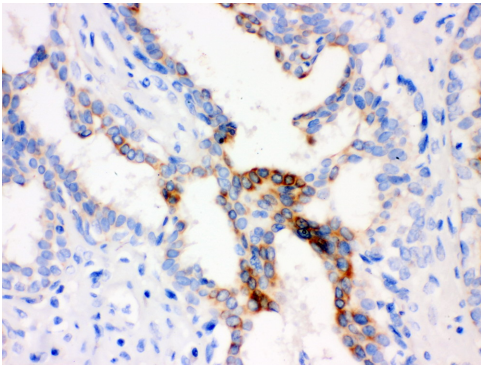
Reference

Anti-Cytokeratin 7/KRT7 Antibody (Clone#LDS-68)被引用在6文献中。

Selected Validation Data



CK7(BM1618)(MW:51KD)Hela,MCF-7,A431,A549细胞裂解，免疫印迹分析。



CK7(BM1618)乳癌标本，石蜡切片，SABC法，DAB显色。