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39-1023: Anti-Cytokeratin Peptide 7 Monoclonal Antibody (Clone: LDS-68) (discontinued)

Clonality :	Monoclonal
Clone Name :	LDS-68
Application :	WB
Reactivity :	Human
Gene :	KRT7
Gene ID :	3855
Uniprot ID :	P08729
Alternative Name :	K7, CK7, SCL, K2C7, MGC3625
Isotype :	Mouse IgG1
Immunogen Information :	Cytoskeletal preparation of the RT4 human bladder carcinoma cell line.

Description

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.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 1-2Î¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 2-4Î¼g/ml; Immunohistochemistry(Frozen Section) : 2-4Î¼g/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.