

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	LDS-68
<b>Application :</b>	WB,IHC-P,IHC-F
<b>Reactivity :</b>	Human
<b>Gene :</b>	KRT7
<b>Gene ID :</b>	3855
<b>Uniprot ID :</b>	P08729
<b>Alternative Name :</b>	K7, CK7, SCL, K2C7, MGC3625
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Ascites
<b>Content :</b>	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN <sub>3</sub> as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
<b>Storage condition :</b>	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 : 1-2 µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 2-4 µg/ml;  
Immunohistochemistry(Frozen Section) : 2-4 µg/ml