

### 39-1065: Anti-Mcm7 Monoclonal Antibody (Clone: DCS-141)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	DCS-141
<b>Application :</b>	WB,ICC
<b>Reactivity :</b>	Human
<b>Gene :</b>	Mcm7
<b>Gene ID :</b>	288532
<b>Uniprot ID :</b>	Q6AYN8
<b>Alternative Name :</b>	DNA helicase ; 3.6.4.12 ; Mcm7 ; rCG_55961
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Recombinant human Mcm7.

#### Description

Initiation of DNA replication is a complex process involving the concerted action of many proteins. The chromosome 7-linked gene referred to by Nakatsuru et al. as MCM2 has been designated MCM7. The MCM2-7 complex is comprised of 6 subunits, MCM2 through MCM7, and is a ring-shaped heterohexameric ATPase involved in DNA replication. MCM7 is located in 7q21.3-q22.1.

#### 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 : 0.5-1 µg/ml; Immunocytochemistry : 1 µg/ml