

For Research Use Only

# MCM10 Recombinant antibody, PBS Only

Catalog Number: 86103-1-PBS



## Basic Information

### Catalog Number:

86103-1-PBS

### Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2899

### GenBank Accession Number:

BC009108

### GeneID (NCBI):

55388

### UNIPROT ID:

Q7L590

### Full Name:

minichromosome maintenance complex component 10

### Calculated MW:

874 aa, 97 kDa

### Observed MW:

97-105 kDa

### Purification Method:

Protein A purification

### CloneNo.:

250423A12

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

human

## Background Information

MCM10, also named as HsMCM10, belongs to the MCM10 family. It acts as a replication initiation factor that brings together the MCM2-7 helicase and the DNA polymerase alpha/primase complex in order to initiate DNA replication. Additionally, it plays a role in preventing DNA damage during replication and is essential for the integrity of the RECQ4-MCM replicative helicase complex. It mediates RECQ4 association with MCM2-7 helicase complex during DNA replication.

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS only, pH7.3

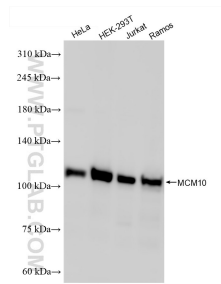
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86103-1-RR (MCM10 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86103-1-PBS in a different storage buffer formulation.