

For Research Use Only

MCM3 Monoclonal antibody

Catalog Number: 60939-1-Ig



Basic Information

Catalog Number:

60939-1-Ig

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8122

GenBank Accession Number:

BC001626

GeneID (NCBI):

4172

UNIPROT ID:

P25205

Full Name:

minichromosome maintenance complex component 3

Calculated MW:

91 kDa

Observed MW:

102-105 kDa

Purification Method:

Protein G purification

CloneNo.:

2G9C5

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HuT 78 cells

Background Information

MCM3, also named as HCC5, P1-MCM3, p102, RLF subunit beta and RLFB, belongs to the MCM family. MCM3 is essential for the initiation of DNA replication and is involved in ensuring that DNA replication is initiated precisely once per cell cycle(PMID: 33093917). The overexpression of MCM3 is related to proliferation of tumor cells(PMID: 31186514).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

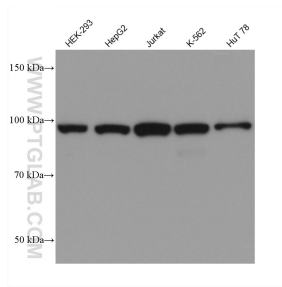
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60939-1-Ig (MCM3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.