Anti-MCM5 [A2.1G2.A7.C12]

Catalogue number: 151416
Sub-type: Primary antibody
Images:

Contributor

Inventor:
Institute: University of Cambridge
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-MCM5 [A2.1G2.A7.C12]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: Mini Chromosome Maintenance protein-5 (MCM5) is a component of the prereplicative complex that is essential for DNA replication. MCM proteins 2-7 form a family of DNA helicases implicated at the initiation step of DNA synthesis. MCM5 expression may be applicable in the detection of a number of cancers including cervical, bladder, lung and oesophageal.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: His-tagged human Mcm5 (amino acids 367582)
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:

Selectable markers:
Additional notes:

Target details

Target: Mini Chromosome Maintenance protein5 (MCM5)

Target alternate names:

Target background: Mini Chromosome Maintenance protein-5 (MCM5) is a component of the prereplicative complex that is essential for DNA replication. MCM proteins 2-7 form a family of DNA helicases implicated at the initiation step of DNA synthesis. MCM5 expression may be applicable in the detection of a number of cancers including cervical, bladder, lung and oesophageal.

Molecular weight:

Ic50:

Applications

Application: IF ; WB
Application notes:

Handling

Format: Liquid
Concentration: 0.9-1.1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Christophersen et al. 2017. Sci Rep. 7:40451. PMID: 28084402. ; Farrell et al. 2011. Blood. 117(18):4935-45. PMID: 21385855. ; A 3-bp deletion in the HBS1L-MYB intergenic region on chromosome 6q23 is associated with HbF expression. ; Goardon et al. 2002. Blood. 100(2):491-500. PMID: 12091340. ; Ectopic expression of TAL-1 protein in Ly-6E.1-htal-1 transgenic mice induces defects in B- and T-lymphoid differentiation. ; Delabesse et al. 1998. Br J Haematol. 102(2):449-57. PMID: 9695959. ; TAL1 expression does not occur in the majority of T-ALL blasts. ; Bernard et al. 1995. Blood. 85(11):3356-7. PMID: 7756670. ; Nuclear localization of the SCL/TAL1 basic helix-loop-helix protein is not dependent on the presence of the basic domain. ; Pulford et al. 1995. Blood. 85(3):675-84. PMID: 7833471. ; Expression of TAL-1 proteins in human tissues.