

## Product datasheet for **SM1483P**

### MCM5 Mouse Monoclonal Antibody [Clone ID: CRCT5.1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CRCT5.1
Applications:	IHC, WB
Recommended Dilution:	Western Blot. Immunohistochemistry on Paraffin Sections (1/50-1/1000): This product requires antigen retrieval using heat treatment prior to staining of paraffin sections; Sodium citrate buffer pH6.0 is recommended for this purpose. Recommended Positive Control: Tonsil / Cervical Carcinoma.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Bacterially expressed human Mcm5. Spleen cells from immunised CBI/CFI mice were fused with cells of the mouse SP2 myeloma cell line.
Specificity:	This antibody recognises Mcm-5 (minichromosome maintenance protein 5).
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	minichromosome maintenance complex component 5
Database Link:	<a href="#">Entrez Gene 4174 Human P33992</a>

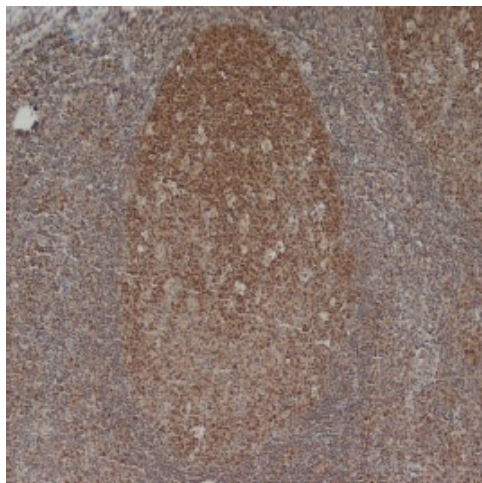


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**Background:** Mcm-5 is a protein with an important role in the control of DNA replication. It has been reported that immunocytochemical assessment of Mcm5 expression may be of value in improving the accuracy of cervical smear testing for the detection of malignancy.

**Synonyms:** CDC46 homolog, P1-CDC46, CDC46

**Product images:**



Staining of formalin fixed, paraffin embedded human tonsil with Mouse anti huamn MCM5