



Mouse anti-Human PRIM2 monoclonal antibody, clone 5H3 (CABT-B9511)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	PRIM2A (AAH17833, 1 a.a. ~ 158 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	5H3
Purification	Protein A
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Size	100 µg
Buffer	PBS, pH 7.4
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction This gene encodes the 58 kilodalton subunit of DNA primase, an enzyme that plays a key role

in the replication of DNA. The encoded protein forms a heterodimer with a 49 kilodalton subunit. This heterodimer functions as a DNA-directed RNA polymerase to synthesize small RNA primers that are used to create Okazaki fragments on the lagging strand of the DNA. Alternative splicing of this gene results in multiple transcript variants. This gene has a related pseudogene, which is also present on chromosome 6. [provided by RefSeq, Apr 2014]

Keywords	PRIM2; primase, DNA, polypeptide 2 (58kDa); p58; PRIM2A; DNA primase large subunit; DNA primase 58 kDa subunit;
-----------------	---

GENE INFORMATION

Entrez Gene ID	5558
-----------------------	----------------------

UniProt ID	P49643
-------------------	------------------------
