



# Mouse anti-Human ORC4 monoclonal antibody, clone 3B9 (CABT-B9493)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	orc4 (AAH05388, 1 a.a. ~ 248 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2b, κ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3B9
<b>Purification</b>	Affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, ICC, IF
<b>Format</b>	Liquid
<b>Concentration</b>	0.2-1.0 mg/ml
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	no preservative
<b>Storage</b>	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

**Introduction**

The origin recognition complex (ORC) is a highly conserved six subunit protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. This gene encodes a subunit of the ORC complex. Several alternatively spliced transcript variants, some of which encode the same protein, have been reported for this gene. [provided by RefSeq, Oct 2010]

**Keywords**

ORC4; origin recognition complex, subunit 4; ORC4L; ORC4P; origin recognition complex subunit 4; origin recognition complex, subunit 4 homolog;

## GENE INFORMATION

**Entrez Gene ID**

[5000](#)

**UniProt ID**

[O43929](#)