



Rat anti-Human ORC6 monoclonal antibody, clone 4B5 (CABT-B9494)

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

PRODUCT INFORMATION

Immunogen	ORC6 (hsORC) produced in P3-x63Ag.8.653 cells
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Human
Clone	4B5
Purification	Protein G
Conjugate	Unconjugated
Applications	IM, WB
Format	Liquid
Concentration	1 mg/ml
Size	50 µl
Buffer	PBS
Preservative	0.1% sodium azide
Storage	-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. The protein encoded by this gene is a subunit of the ORC complex. Gene silencing studies with small interfering RNA demonstrated that this protein plays an essential role in coordinating chromosome replication and segregation with cytokinesis. [provided by RefSeq, Oct 2010]

Keywords

ORC6; origin recognition complex, subunit 6; ORC6L; origin recognition complex subunit 6;

GENE INFORMATION

Entrez Gene ID

[23594](#)

UniProt ID

[A0A024R6R3](#)