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Datasheet for ABIN6940243 anti-ORC1 antibody

Image



Overview

Quantity:	100 µg
Target:	ORC1 (ORC1L)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ORC1 antibody is un-conjugated
Application:	ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant full-length human ORC1 protein
Clone:	7F6-1
lsotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	ORC1 (ORC1L)
Alternative Name:	ORC1L (ORC1L Products)
Background:	The initiation of DNA replication is a multi-step process that depends on the formation of pre- replication complexes, which trigger initiation. Among the proteins required for establishing
	these complexes are the origin recognition complex (ORC) proteins. ORC proteins bind
	specifically to origins of replication where they serve as scaffold for the assembly of additional

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Target Details

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	transition in mammalian cells.
	formation of this core complex suggests that ORC proteins play a crucial role in the G1-S
	ORC3, ORC4 and ORC5 form a core complex upon which ORC6 and ORC1 assemble. The
	chromatin. ORC4 and ORC6 are also expressed constantly throughout the cell cycle. ORC2,
	concentrations throughout the cell cycle, however, only ORC2 remains stably bound to
	and tissues, such as the testis. ORC1 and ORC2 are both expressed at equivalent
	initiation factors. Human ORC subunits 1-6 are expressed in the nucleus of proliferating cells

Molecular Weight:	T2UKDa	
Gene ID:	4998	
UniProt:	Q13415	
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA	

Application Details

Application Notes:	Positive Control: HeLa cells.
	Known Application: ELISA (For coating, order antibody without BSA)Optimal dilution for a
	specific application should be determined.
Restrictions:	For Research Use only
Handling	
Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody
	is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months

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SDS-PAGE

Image 1. SDS-PAGE Analysis Purified ORC1 Mouse Monoclonal Antibody (7F6/1). Confirmation of Purity and Integrity of Antibody.

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