

Datasheet for ABIN6944371 **anti-ORC2 antibody**



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Overview

Quantity:	50 µg
Target:	ORC2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ORC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Monoclonal antibody raised in mouse against human ORC2, using two recombinant proteins containing the N-terminal and C-terminal part of the protein, respectively
Clone:	5C3
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Protein G purified monoclonal antibody in PBS containing 0.05% azide.

Target Details

Target:	ORC2
Alternative Name:	ORC2 (ORC2 Products)
Background:	Synonyms: ORC2L, Origin recognition complex subunit 2, ORC2

Target Details

Background: Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent. The specific DNA sequences that define origins of replication have not been identified yet. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication. Binds histone H3 and H4 trimethylation marks H3K9me3, H3K20me3 and H4K27me3. Stabilizes LRWD1, by protecting it from ubiquitin-mediated proteasomal degradation. Also stabilizes ORC3.

Gene ID: 4999

UniProt: [Q13416](#)

Application Details

Application Notes: WB 1:300-5000
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.6 µg/µL

Buffer: PBS with 0.05 % sodium azide.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months