

# **Anti-CDC45/Cdc45L Rabbit Monoclonal Antibody**

**Catalog # ABO13708** 

# **Specification**

# Anti-CDC45/Cdc45L Rabbit Monoclonal Antibody - Product Information

Application WB, IHC, IF, ICC, FC

Primary Accession
Host
Rabbit
Isotype
Rabbit IgG

Reactivity Rat, Human, Mouse

Clonality Monoclonal Format Liquid

**Description** 

Anti-CDC45/Cdc45L Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

# Anti-CDC45/Cdc45L Rabbit Monoclonal Antibody - Additional Information

#### **Gene ID 8318**

### **Other Names**

Cell division control protein 45 homolog, PORC-PI-1, CDC45 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=1739" target=" blank">HGNC:1739</a>), CDC45L, CDC45L2

# Calculated MW 65569 MW KDa

## **Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>FC 1:50

# **Subcellular Localization**

Cytoplasm. Nucleus.

## **Tissue Specificity**

Widely expressed, highest levels are found in adult testis and thymus and in fetal liver.

#### Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

# **Immunogen**

A synthesized peptide derived from human CDC45

## **Purification**

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for



up to one month. Avoid repeated freeze-thaw cycles.

# Anti-CDC45/Cdc45L Rabbit Monoclonal Antibody - Protein Information

Name CDC45 (HGNC:1739)

Synonyms CDC45L, CDC45L2

## **Function**

Required for initiation of chromosomal DNA replication. Core component of CDC45-MCM-GINS (CMG) helicase, the molecular machine that unwinds template DNA during replication, and around which the replisome is built.

## **Cellular Location**

Nucleus. Chromosome. Note=Associates with chromatin

## **Tissue Location**

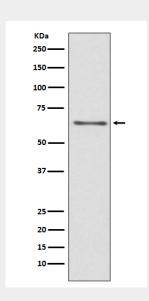
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# Anti-CDC45/Cdc45L Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## Anti-CDC45/Cdc45L Rabbit Monoclonal Antibody - Images



Western blot analysis of CDC45 expression in Jurkat cell lysate.