

Anti-CDC45/Cdc45L Rabbit Monoclonal Antibody

Catalog # ABO13708

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	O75419
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.

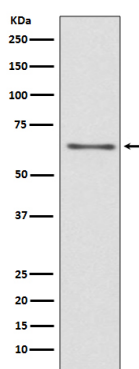
Additional Information

Gene ID	8318
Other Names	Cell division control protein 45 homolog, PORC-PI-1, CDC45 (HGNC:1739), CDC45L, CDC45L2
Calculated MW	65569
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:50
Subcellular Localization	Cytoplasm. Nucleus.
Tissue Specificity	Widely expressed, highest levels are found in adult testis and thymus and in fetal liver.
Source	Eukaryota
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.
Clone Names	Clone: AD-3
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.

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

Images



Western blot analysis of CDC45 expression in Jurkat cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.