

ARG10880 anti-CDC6 antibody [cdc6 9H8/5]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [cdc6 9H8/5] recognizes CDC6
Tested Reactivity	<i>S. cerevisiae</i>
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Clone	cdc6 9H8/5
Isotype	IgG1
Target Name	CDC6
Species	Yeast
Immunogen	cdc6 from <i>S. Cerevisiae</i> .
Conjugation	Un-conjugated
Alternate Names	p62; HsCDC18; CDC18L; Cdc18-related protein; Cell division control protein 6 homolog; CDC6-related protein; HsCdc18; cdc6; HsCDC6

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
	IP	Assay-dependent
	WB	Assay-dependent

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CDC6
Gene Full Name	cell division cycle 6
Background	The protein encoded by this gene is highly similar to <i>Saccharomyces cerevisiae</i> Cdc6, a protein essential for the initiation of DNA replication. This protein functions as a regulator at the early steps of DNA replication. It localizes in cell nucleus during cell cycle G1, but translocates to the cytoplasm at the start of S phase. The subcellular translocation of this protein during cell cycle is regulated through its phosphorylation by Cdks. Transcription of this protein was reported to be regulated in response to mitogenic signals through transcriptional control mechanism involving E2F proteins. [provided by RefSeq, Jul 2008]
Function	Involved in the initiation of DNA replication. Also participates in checkpoint controls that ensure DNA replication is completed before mitosis is initiated. [UniProt]
Calculated Mw	63 kDa