



# APC1 (phospho Ser688) Monoclonal Antibody

Catalog No	BYmab-16638
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ANAPC1
Protein Name	Anaphase-promoting complex subunit 1
Immunogen	The antiserum was produced against synthesized peptide derived from human APC1 around the phosphorylation site of Ser688. AA range:654-703
Specificity	Phospho-APC1 (S688) Monoclonal Antibody detects endogenous levels of APC1 protein only when phosphorylated at S688.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ANAPC1; TSG24; Anaphase-promoting complex subunit 1; APC1; Cyclosome subunit 1; Mitotic checkpoint regulator; Testis-specific gene 24 protein
Observed Band	
Cell Pathway	nucleoplasm,anaphase-promoting complex,cytosol,
Tissue Specificity	Colon,Epithelium,Ovary,Placenta,
Function	function:Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle.,pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated. Phosphorylation on Ser-355 occurs specifically during mitosis.,similarity:Belongs to the APC1 family.,similarity:Contains 4 PC repeats.,subunit:The APC/C is composed of at least 11 subunits.,
Background	This gene encodes a subunit of the anaphase-promoting complex. This complex is an E3 ubiquitin ligase that regulates progression through the metaphase to

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anaphase portion of the cell cycle by ubiquitinating proteins which targets them for degradation. [provided by RefSeq, Dec 2011],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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