

小鼠抗 ANAPC11 单克隆抗体

中文名称： 小鼠抗 ANAPC11 单克隆抗体

英文名称： Anti-ANAPC11 mouse monoclonal antibody

别名： APC11; Apc11p; HSPC214

相关类别： 一抗

储存： 冷冻（-20℃） 避光

宿主： Mouse

抗原： ANAPC11

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:

Comprising more than ten subunits, the anaphase-promoting complex (APC) acts in a cell-cycle dependent manner to promote the separation of sister chromatids during the transition between metaphase and anaphase in mitosis. APC, or cyclosome, accomplishes this progression through the ubiquitination of mitotic cyclins and other regulatory proteins that are targeted for destruction during cell division. APC is phosphorylated, and thus activated, by protein kinases Cdk1/cyclin B and polo-like kinase (Plk). APC is under tight control by a number of regulatory factors, including CDC20, CDH1 and MAD2. Specifically, CDC20 and CDH1 directly bind to A

	PC and activates APC' s cyclin-ubiquitination activity. In contrast, MAD2 inhibits APC by forming a ternary complex with CDC20 and APC; thus preventing APC activation. APC11 is a RING-H2 finger protein that allows for the synthesis of multi-ubiquitin chains in the presence of Ubiquitin carrier protein 4 (Ubc4) and ubiquitin conjugating enzyme (E2). In addition, a heterodimeric complex of either Ubc4 or UbcH10 with APC11 and APC2 catalyzes the ubiquitination of human securin and cyclin B1.
Applications:	WB, IHC, IF
Name of antibody:	ANAPC11
Immunogen:	Fusion protein of human ANAPC11
Full name:	anaphase promoting complex subunit 11 (ANAPC11), transcript variant 1
Synonyms:	APC11; Apc11p; HSPC214
SwissProt:	Q9NYG5
IHC positive control:	carcinoma of human lung tissue and human pancreas tissue ; human kidney tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	10 kDa
WB Positive control:	COS7 cell lysate
WB Recommended dilution:	200-1000