

# Anti-APC11 [AX2.1]

**Catalogue number:** 151535

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Julian Gannon

**Institute:** Cancer Research UK, London Research Institute: Clare Hall Laboratories

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-APC11 [AX2.1]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** APC11 is the catalytic subunit of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin-protein ligase complex that controls progression through mitosis and the G1 phase of the cell cycle. Specifically, Apc11 acts as an E3 enzyme and is responsible for recruiting E2s to the APC and for mediating the subsequent transfer of ubiquitin to APC substrates in vivo.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Human ; Xenopus laevis

**Selectivity:**

**Host:** Mouse

**Immunogen:** Peptide spanning carboxy region of APC11.

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

APC11 immunoprecipitated from Xenopus egg extract

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Anaphase Promoting Complex (APC) 11

**Target alternate names:**

**Target background:** APC11 is the catalytic subunit of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin-protein ligase complex that controls progression through mitosis and the G1 phase of the cell cycle. Specifically, Apc11 acts as an E3 enzyme and is responsible for recruiting E2s to the APC and for mediating the subsequent transfer of ubiquitin to APC substrates in vivo.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Kogata et al. 2009. Genes Dev. 23(19):2278-83. PMID: 19797768. ; Integrin-linked kinase controls vascular wall formation by negatively regulating Rho/ROCK-mediated vascular smooth muscle cell contraction. ; Foo et al. 2006. Cell. 124(1):161-73. PMID: 16413489. ; Ephrin-B2 controls cell motility and adhesion during blood-vessel-wall assembly.

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