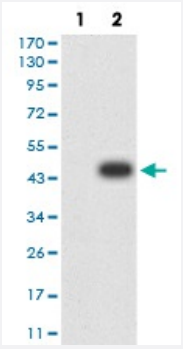
ANAPC1 monoclonal antibody, clone 7G9B3

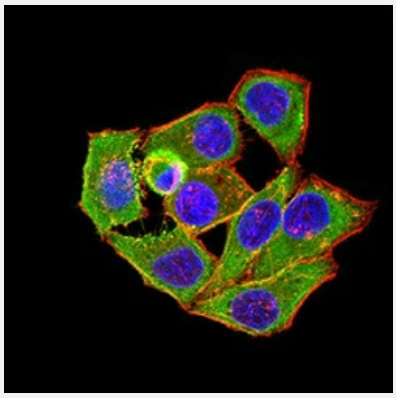
Catalog # MAB17559 Size 100 ug

Applications



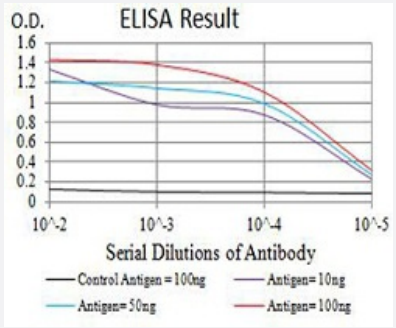
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) ANAPC1-hIgGFc transfected HEK293 cell lysate.



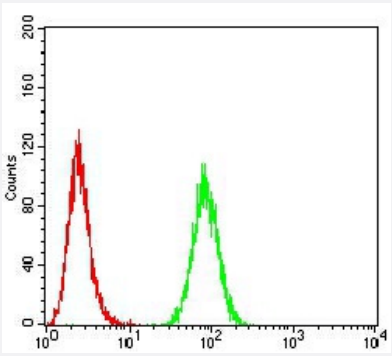
Immunocytochemistry

Immunocytochemical staining of HeLa cells with ANAPC1 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of ANAPC1 monoclonal antibody, clone 7G9B3.



Flow Cytometry

Flow cytometric analysis of Hela cells with ANAPC1 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human ANAPC1.
Immunogen	Recombinant protein corresponding to amino acid 12-155 of human ANAPC1 from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	216
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry (1:100-1:500) Flow Cytometry (1:200-1:400) Immunohistochemistry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — ANAPC1

Entrez GeneID	64682
Gene Name	ANAPC1
Gene Alias	APC1, MCPR, TSG24
Gene Description	anaphase promoting complex subunit 1
Omim ID	608473
Gene Ontology	Hyperlink
Gene Summary	ANAPC1 is 1 of at least 10 subunits of the anaphase-promoting complex (APC), which functions at the metaphase-to-anaphase transition of the cell cycle and is regulated by spindle checkpoint p roteins. The APC is an E3 ubiquitin ligase that targets cell cycle regulatory proteins for degradatio n by the proteasome, thereby allowing progression through the cell cycle.[supplied by OMIM
Other Designations	anaphase-promoting complex 1 (meiotic checkpoint regulator)

Pathway

- Cell cycle
- Ubiquitin mediated proteolysis