

Cat. No:	MAB-94468
Conjugate:	Unconjugated
Size:	100 ug
Clone:	D9W21
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Reactivity:	Hu, Ms, Rt
Applications:	WB 1:500-1:2000, IHC(P) 1:1250 , ELISA 1:40000
Molecular Weight:	65-75 kDa
Purification:	Monoclonal antibody is produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Ser127 of human YAP protein.
Background:	<p>YAP (Yes-associated protein, YAP65) was identified based on its ability to associate with the SH3 do-main of Yes. It also binds to other SH3 domain-containing proteins such as Nck, Crk, Src, and Abl (1). In addition to the SH3 binding motif, YAP contains a PDZ interaction motif, a coiled-coil domain, and WW domains (2-4). While initial studies of YAP all pointed towards a role in anchor-ing and targeting to specific subcellular compartments, subsequent studies showed that YAP is a transcriptional co-activator by virtue of its WW domain interacting with the PY motif (PPxY) of the transcription factor PEBP2 and other transcription factors (5,6). Upon phosphorylation at Ser127, YAP interacts with 14-3-3 in an Akt-dependent manner and suppresses p73-mediated apoptosis (6).Phospho-YAP (Ser127) (D9W2I) Rabbit mAb recognizes endogenous levels of YAP protein only when phosphorylated at Ser127. This antibody may cross-react with phospho-TAZ (Ser89).</p>
Form:	liquid
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

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