

## RBBP5 mouse mAb

<b>Catalog No :</b>	YM1445
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IF
<b>Target :</b>	RBBP5
<b>Fields :</b>	>>Cushing syndrome
<b>Gene Name :</b>	rbbp5
<b>Human Gene Id :</b>	5929
<b>Human Swiss Prot No :</b>	Q15291
<b>Mouse Swiss Prot No :</b>	Q8BX09
<b>Immunogen :</b>	Purified recombinant human RBBP5 protein fragments expressed in E.coli.
<b>Specificity :</b>	This antibody detects endogenous levels of RBBP5 and does not cross-react with related proteins.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	wb dilution 1:1000 icc dilution 1:100. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	70kD

**Background :** This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. The encoded protein binds directly to retinoblastoma protein, which regulates cell proliferation. It interacts preferentially with the underphosphorylated retinoblastoma protein via the E1A-binding pocket B. Three alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2010],

**Function :** function: Binds preferentially to underphosphorylated retinoblastoma protein., PTM: Phosphorylated upon DNA damage, probably by ATM or ATR., similarity: Contains 6 WD repeats., subunit: Component of the SET1 complex, at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WDR82, RBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at least composed ASH2L, RBBP5, DPY30, WDR5, one or several histone methyltransferases (MLL, MLL2, MLL3 and/or MLL4), and the facultative components MEN1, HCFC1, HCFC2, NCOA6, KDM6A, PAXIP1/PTIP and C16orf53/PA1., tissue specificity: Ubiquitously expressed.,

**Subcellular Location :** Nucleus .

**Expression :** Ubiquitously expressed.

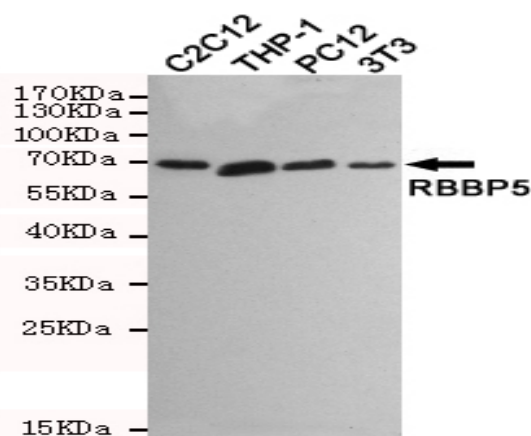
**Sort :** 14043

**No4 :** 1

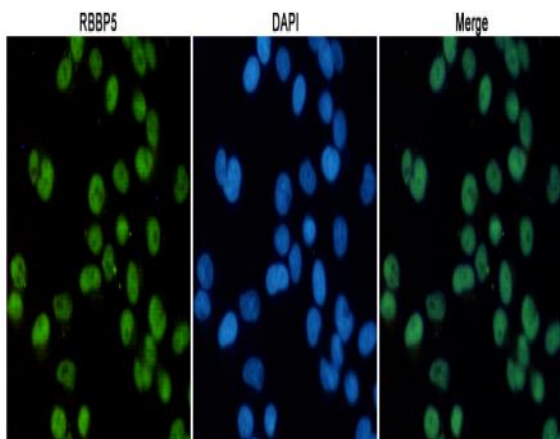
**Host :** Mouse

**Modifications :** Unmodified

## Products Images



Western blot detection of RBBP5 in C2C12, THP-1, PC12 and 3T3 cell lysates using RBBP5 mouse mAb (1:1000 diluted). Predicted band size: 70KDa. Observed band size: 70KDa.



Immunofluorescent analysis of HeLa cells fixed with 4% Paraformaldehyde and using anti-RBBP5 mouse mAb (dilution 1:100). DAPI was used to stain nucleus(blue).