

# Phospho-Rad17 (S656) Rabbit mAb

货号: **AYM29060**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	57kDa/66kDa/75kDa/77kDa
实测分子量	85kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SW480,BT-474,K-562,22Rv1,Raji
细胞定位	Nucleus
纯化	Affinity purification

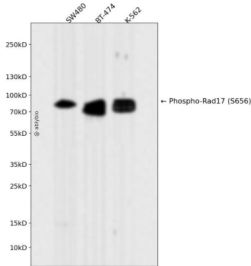
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-Rad17 (S656).
序列	KILYCKRASLTELDSPRLPSHLSSEYERDTLLVEPEEVVEMSHMPGDLFNLYLHQNYIDFFMEIDDIVRASEFLSFADILSGDW NTRSLREYSTSIATRGMHNSNKARGYAHQCQGGGSSFRPLHKPQWFLINKKYRENCLAALKALFPDFCLPALCLQTQLLPYL ALLTIPMRNQAQISFIQDIGRLPLKRHFGRLLKMEALTDREHGMIDPDSGDEAQLNGGHSAAEESLGEPTQATVPETWSLPLS QNSASELPASQPQFSAQGDMEENIIIEDYESDGT

## 靶点信息

研究背景	The protein encoded by this gene is highly similar to the gene product of <i>Schizosaccharomyces pombe rad17</i> , a cell cycle checkpoint gene required for cell cycle arrest and DNA damage repair in response to DNA damage. This protein shares strong similarity with DNA replication factor C (RFC), and can form a complex with RFCs. This protein binds to chromatin prior to DNA damage and is phosphorylated by the checkpoint kinase ATR following damage. This protein recruits the RAD1-RAD9-HUS1 checkpoint protein complex onto chromatin after DNA damage, which may be required for its phosphorylation. The phosphorylation of this protein is required for the DNA-damage-induced cell cycle G2 arrest, and is thought to be a critical early event during checkpoint signaling in DNA-damaged cells. Multiple alternatively spliced transcript variants of this gene, which encode four distinct protein isoforms, have been reported. Two pseudogenes, located on chromosomes 7 and 13, have been identified.
基因ID	5884
基因名	RAD17
Swiss	O75943
别名	RAD17;CCYC;HRAD17;R24L;RAD17SP;RAD24

## 产品验证



Western blot analysis of Phospho-Rad17 (S656) expressed in SW480, BT-474, K-562 using Phospho-Rad17 (S656) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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