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# Phospho-Smad5 (S463/465) Rabbit mAb

货号: **AYM29759**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>ICC:</b> 1:50 - 1:200
理论分子量	52kDa
实测分子量	58kDa
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	Rat lung
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

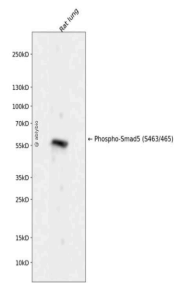
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-Smad5 (S463/465).
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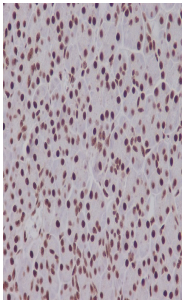
## 靶点信息

研究背景	The protein encoded by this gene is involved in the transforming growth factor beta signaling pathway that results in an inhibition of the proliferation of hematopoietic progenitor cells. The encoded protein is activated by bone morphogenetic proteins type 1 receptor kinase, and may be involved in cancer. Alternative splicing results in multiple transcript variants.
基因ID	4090
基因名	SMAD5
Swiss	Q99717 ( <a href="https://www.uniprot.org/uniprotkb/Q99717/entry">https://www.uniprot.org/uniprotkb/Q99717/entry</a> )
别名	Phospho-Smad5 (S463/465), Phospho-Smad5 (S463/465) Rabbit mAb, SMAD5, JV5-1, Mothers against decapentaplegic homolog 5, MADH5

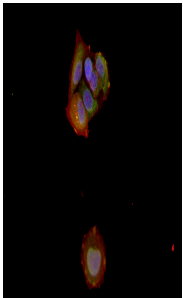
## 产品验证



Western blot analysis of Phospho-Smad5 (S463/465) expressed in Rat lung using Phospho-Smad5 (S463/465) 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.



Immunohistochemical analysis of paraffin-embedded human pancreas, using Phospho-Smad5 (S463/465) Antibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab Phospho-Smad5 (S463/465) and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as secondary antibodies. The nuclear counterstain is DAPI.

## 实验步骤

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