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# SHIP Rabbit mAb

货号: **AYM29152**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC FC IP
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>FC:</b> 1:20 - 1:50 <b>IP:</b> 1:20 - 1:50
理论分子量	109kDa/133kDa
实测分子量	140kDa
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	Mouse spleen
细胞定位	Cytoplasm,Membrane,Peripheral membrane protein
纯化	Affinity purification

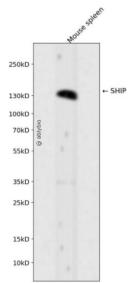
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human SHIP.
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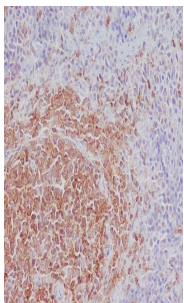
## 靶点信息

研究背景	This gene is a member of the inositol polyphosphate-5-phosphatase (INPP5) family and encodes a protein with an N-terminal SH2 domain, an inositol phosphatase domain, and two C-terminal protein interaction domains. Expression of this protein is restricted to hematopoietic cells where its movement from the cytosol to the plasma membrane is mediated by tyrosine phosphorylation. At the plasma membrane, the protein hydrolyzes the 5' phosphate from phosphatidylinositol (3,4,5)-trisphosphate and inositol-1,3,4,5-tetrakisphosphate, thereby affecting multiple signaling pathways. The protein is also partly localized to the nucleus, where it may be involved in nuclear inositol phosphate signaling processes. Overall, the protein functions as a negative regulator of myeloid cell proliferation and survival. Mutations in this gene are associated with defects and cancers of the immune system. Alternative splicing of this gene results in multiple transcript variants.
基因ID	3635
基因名	INPP5D
Swiss	Q92835 ( <a href="https://www.uniprot.org/uniprotkb/Q92835/entry">https://www.uniprot.org/uniprotkb/Q92835/entry</a> )
别名	SHIP,SHIP Rabbit mAb,INPP5D,Inositol polyphosphate-5-phosphatase D,Inositol polyphosphate-5-phosphatase of 145 kDa,Phosphatidylinositol 4,5-bisphosphate 5-phosphatase,SH2 domain-containing inositol 5'-phosphatase 1,p150Ship,SHIP1

## 产品验证



Western blot analysis of SHIP expressed in Mouse spleen using SHIP 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 rat spleen, using SHIP Antibody.

## 实验步骤

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