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C5/C5a Rabbit pAb

货号: **AYP25228**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus IHC: Mus musculus
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	188kDa
实测分子量	188KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse lung
细胞定位	Secreted
纯化	Affinity purification

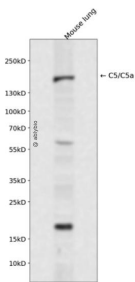
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1567-1676 of human C5/C5a (NP_001726.2).
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靶点信息

研究背景	This gene encodes a component of the complement system, a part of the innate immune system that plays an important role in inflammation, host homeostasis, and host defense against pathogens. The encoded preproprotein is proteolytically processed to generate multiple protein products, including the C5 alpha chain, C5 beta chain, C5a anaphylatoxin and C5b. The C5 protein is comprised of the C5 alpha and beta chains, which are linked by a disulfide bridge. Cleavage of the alpha chain by a convertase enzyme results in the formation of the C5a anaphylatoxin, which possesses potent spasmogenic and chemotactic activity, and the C5b macromolecular cleavage product, a subunit of the membrane attack complex (MAC). Mutations in this gene cause complement component 5 deficiency, a disease characterized by recurrent bacterial infections. Alternative splicing results in multiple transcript variants.
基因ID	727
基因名	C5
Swiss	P01031 (https://www.uniprot.org/uniprotkb/P01031/entry)
别名	C5,C5D,C5a,C5b,CPAMD4,ECLZB,C5/C5a Rabbit pAb,C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4,Complement C5 alpha' chain

产品验证



Western blot analysis of C5/C5a expressed in Mouse lung using C5/C5a Rabbit pAb 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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