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IgG3 (YD13365) Rabbit mAb

货号: AYD16736

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	
理论分子量	49kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	human plasma
细胞定位	Secreted, Cell membrane
纯化	亲和纯化

抗原信息

抗原信息	

靶点信息

研究背景	Constant region of immunoglobulin heavy chains. Immunoglobulins, also known as antibodies, are membrane-bound or secreted glycoproteins produced by B lymphocytes. In the recognition phase of humoral immunity, the membrane-bound immunoglobulins serve as receptors which, upon binding of a specific antigen, trigger the clonal expansion and differentiation of B lymphocytes into immunoglobulins-secreting plasma cells. Secreted immunoglobulins mediate the effector phase of humoral immunity, which results in the elimination of bound antigens. The antigen binding site is formed by the variable domain of one heavy chain, together with that of its associated light chain. Thus, each immunoglobulin has two antigen binding sites with remarkable affinity for a particular antigen. The variable domains are assembled by a process called V-(D-J rearrangement and can then be subjected to somatic hypermutations which, after exposure to antigen and selection, allow affinity maturation for a particular antigen.
基因ID	3502
基因名	IGHG3
Swiss	P01860 (https://www.uniprot.org/uniprotkb/P01860/entry)
别名	IgG3 (YD13365),IgG3 (YD13365) Rabbit mAb,IGHG3,HDC,Heavy chain disease protein,Ig gamma-3 chain C region

产品验证

实验步骤

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