

— ABLYBIO, Help Your Research



# Indoleamine 2,3-dioxygenase (YD18776) Rabbit mAb

货号: **AYD14642**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	
理论分子量	45kDa
实测分子量	
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	SKOV3, A-549
细胞定位	Cytoplasm, cytosol
纯化	亲和纯化

## 抗原信息

抗原信息	
------	--

## 靶点信息

研究背景	This gene encodes indoleamine 2,3-dioxygenase (IDO) - a heme enzyme that catalyzes the first and rate-limiting step in tryptophan catabolism to N-formyl-kynurenine. This enzyme acts on multiple tryptophan substrates including D-tryptophan, L-tryptophan, 5-hydroxy-tryptophan, tryptamine, and serotonin. This enzyme is thought to play a role in a variety of pathophysiological processes such as antimicrobial and antitumor defense, neuropathology, immunoregulation, and antioxidant activity. Through its expression in dendritic cells, monocytes, and macrophages this enzyme modulates T-cell behavior by its peri-cellular catabolization of the essential amino acid tryptophan.
基因ID	3620
基因名	IDO1
Swiss	P14902 ( <a href="https://www.uniprot.org/uniprotkb/P14902/entry">https://www.uniprot.org/uniprotkb/P14902/entry</a> )
别名	Indoleamine 2,3-dioxygenase (YD18776),3-dioxygenase (YD18776) Rabbit mAb,IDO1,Indoleamine-pyrrole 2,3-dioxygenase,IDO,INDO

## 产品验证

## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/www.ablybio.cn>)