

Mast Cell Tryptase (YD14945) Rabbit mAb

货号: **AYD15195**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	IHC-P
推荐浓度	
理论分子量	31kDa
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	Mouse skin,Rat skin
细胞定位	Secreted
纯化	

抗原信息

抗原信息	
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靶点信息

研究背景	<p>Tryptases comprise a family of trypsin-like serine proteases, the peptidase family S1. Tryptases are enzymatically active only as heparin-stabilized tetramers, and they are resistant to all known endogenous protease inhibitors. Several tryptase genes are clustered on chromosome 16p13.3. These genes are characterized by several distinct features. They have a highly conserved 3' UTR and contain tandem repeat sequences at the 5' flank and 3' UTR which are thought to play a role in regulation of the mRNA stability. These genes have an intron immediately upstream of the initiator Met codon, which separates the site of transcription initiation from protein coding sequence. This feature is characteristic of tryptases but is unusual in other genes. The alleles of this gene exhibit an unusual amount of sequence variation, such that the alleles were once thought to represent two separate genes, alpha and beta 1. Beta tryptases appear to be the main isoenzymes expressed in mast cells; whereas in basophils, alpha tryptases predominate. Tryptases have been implicated as mediators in the pathogenesis of asthma and other allergic and inflammatory disorders.</p>
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基因ID	7177
基因名	TPSAB1
Swiss	Q15661
别名	Mast Cell Tryptase (YD14945)

产品验证

实验步骤

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