CD223(17Z3)Rabbit Monoclonal Antibody

产品详情

产品货号	产品名称	储存条件	保质期
IM37078	CD223(17Z3)Rabbit Monoclonal Antibody	-20℃	1 年

产品概述：

产品货号	IM37078
别名	CD223;Lag3;Lymphocyte activating 3;Protein FDC
产品名称	CD223(17Z3)Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	LAG3
蛋白名称	FDC
推荐应用	IHC-P,IF-P
反应种属	Human
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4),0.15M NaCl,40%Glycerol,0.01% New type preservative N and 0.05% BSA.
Human Gene ID	3902
Human Swissprot No.	P18627
免疫原	A synthetic peptide of human Lymphocyte Activation Gene 3
稀释度	IHC-P/IF-P 1:200-1:1000

预测分子量	58kDa
运输及保存条件	Biological ice bag transportation.Store at -20℃ for at least 12 months(Do not lower than 25℃).Avoid freeze/thaw cycles.
宿主	Rabbit
同种型	IgG
注意事项	CD223 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
组织表达	Primarily expressed in activated T-cells and a subset of natural killer(NK)cells.
细胞定位	[Lymphocyte activation gene 3 protein]: Cell membrane; Single-pass type I membrane protein
功能	Lymphocyte activation gene 3 protein: Inhibitory receptor on antigen activated T-cells(PubMed:7805750,PubMed:8647185,PubMed:20421648). Delivers inhibitory signals upon binding to ligands,such as FGL1(By similarity).FGL1 constitutes a major ligand of LAG3 and is responsible for LAG3 T-cell inhibitory function(By similarity). Following TCR engagement,LAG3 associates with CD3-TCR in the immunological synapse and directly inhibits T-cell activation(By similarity).May inhibit antigen-specific T-cell activation in synergy with PDCD1/PD-1,possibly by acting as a coreceptor for PDCD1/PD-1(By similarity).Negatively regulates the proliferation, activation,effector function and homeostasis of both CD8(+)and CD4(+) T-cells(PubMed:7805750 PubMed:8647185,PubMed:20421648). Also mediates immune tolerance:constitutively expressed on a subset of regulatory T-cells(Tregs)and contributes to their suppressive function(By similarity).Also acts as a negative regulator of plasmacytoid dendritic cell(pDCs)activation(By similarity).

功能	Binds MHC class II(MHC-II);the precise role of MHC-II-binding is however unclear(PubMed:8647185).
Clonality	Monoclonal

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