

产品名称: CD163 Mouse Monoclonal Antibody
产品货号: AMM82379



产品概述 (Summary)

产品名称 (Production Name)	CD163 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rat,Rabbit,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CD163
别名 (Alternative Names)	M130; MM130; SCAR1
基因 ID (Gene ID)	9332.0
蛋白 ID (SwissProt ID)	Q86VB7.Purified recombinant fragment of human CD163 (AA: extra 42-259) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	125.4kDa

研究背景 (Background)

The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is

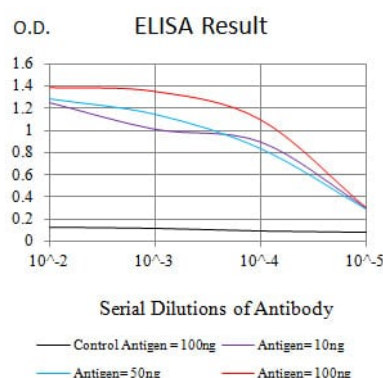
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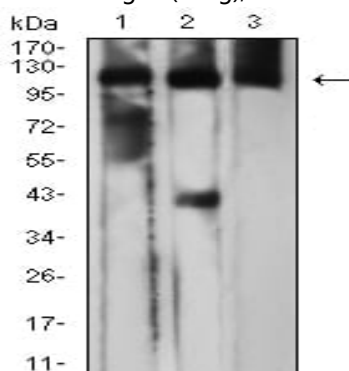
exclusively expressed in monocytes and macrophages. It functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

研究领域 (Research Area)

图片 (Image Data)

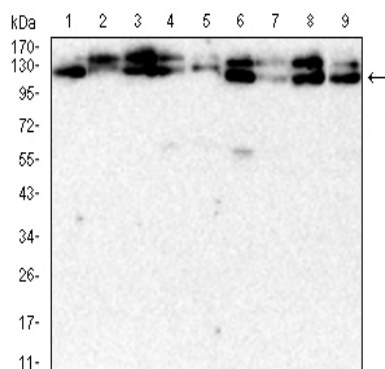


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

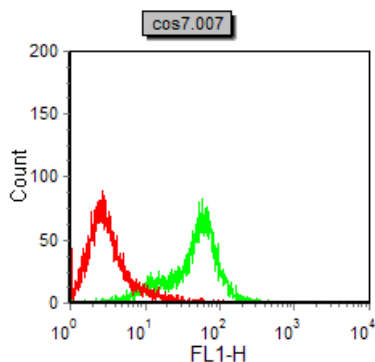


Western blot analysis using CD163 mouse mAb against Raw264.7 (1), NIH/3T3 (2), and HL-60 (3) cell lysate.

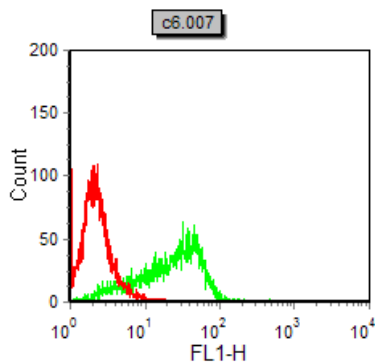
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Western blot analysis using CD163 mouse mAb against
PC-12(1),Raw264.7(2),NIH/3T3(3),NRK(4),C2C12(5),C6(6),L1210(7),F9(8),CHO3D10(9) cell lysate.

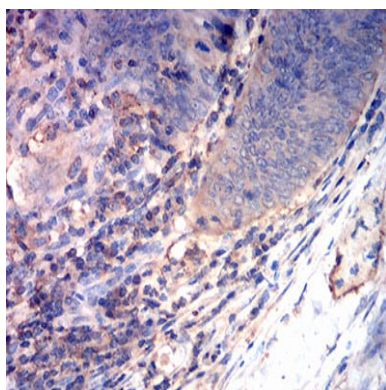


Flow cytometric analysis of COS7 cells using CD163 mouse mAb (green) and negative control (red).

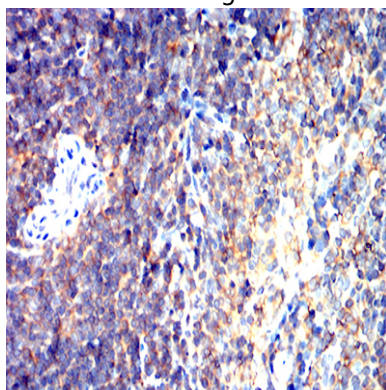


Flow cytometric analysis of C6 cells using CD163 mouse mAb (green) and negative control (red).

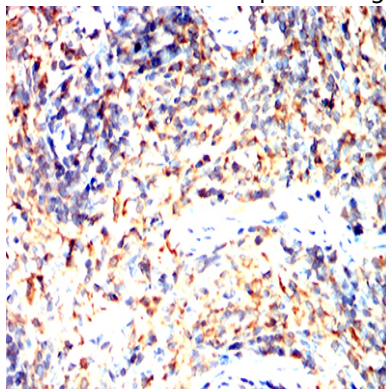
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Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CD163 mouse mAb with DAB staining.

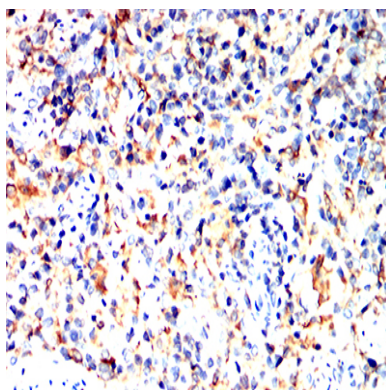


Immunohistochemical analysis of paraffin-embedded Mouse spleen using CD163 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat spleen using CD163 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded Rabbit spleen using CD163 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .