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CD68 (YD34708) Mouse mAb

货号: AYD23597

产品信息

反应	Human,Mouse,Rat
宿主	Mouse
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF IP
推荐浓度	**WB::** 1:1000-1：3000 **IHC::** 1:100-1:800 **ICC/IF:** 1:50-1：300 **IP:** IP: 1:20
理论分子量	37kDa
实测分子量	70-140kD(glycosylated)
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	THP-1,U-937,RAW264.7,Mouse liver,Rat liver,Rat lung
细胞定位	Cell membrane, Endosome membrane, Lysosome membrane
纯化	亲和纯化

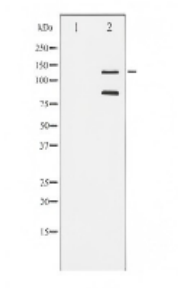
抗原信息

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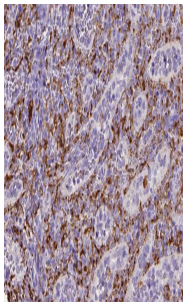
靶点信息

研究背景	This gene encodes a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms.
基因ID	968
基因名	CD68
Swiss	P34810 (https://www.uniprot.org/uniprotkb/P34810/entry)
别名	CD68 (YD34708),CD68 (YD34708) Mouse mAb,CD68,Gp110

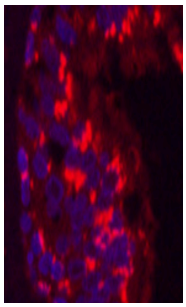
产品验证



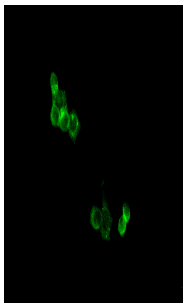
Western blot analysis of RAW264.7 cell using CD68 at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Human Spleen was stained with Anti-CD68 rabbit antibody,1:200



Immunofluorescence analysis of Human-lung-cancer tissue. CD68 Monoclonal Antibody,1:200



Immunofluorescence analysis of RAW264.7 cells labellingCD68 with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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