

Product Datasheet

CD163 Rabbit Polyclonal Antibody (orb182468)

Catalog Number	orb182468
Category	Antibodies
Description	CD163 Rabbit Polyclonal Antibody
Target	CD163
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Canine, Equine, Porcine, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human CD163 (1001-1121/1156aa)
UniProt ID	Q86VB7
MW	134(non-reduced)/155 kDa

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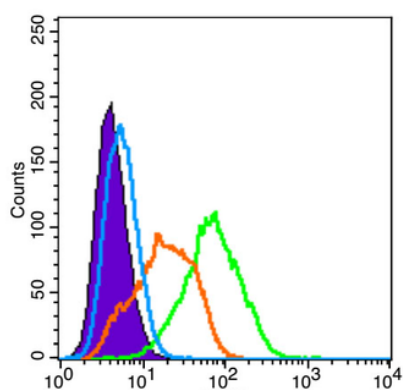
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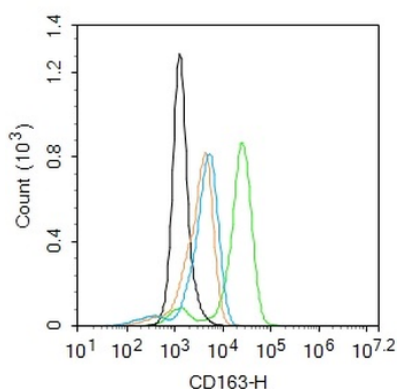
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Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, WB=1:500-2000
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control (Black line): U2OS. Primary Antibody (green line): Rabbit Anti-CD163 antibody (orb182468), dilution: 3 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE, dilution: 1 µg/Test. Protocol, The cells were fixed with 4% paraformaldehyde for 10 min at room temperature. Cells incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. The cells were then stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Blank control: THP-1. Primary Antibody (green line): Rabbit Anti-CD163 antibody (orb182468), dilution: 1 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC, dilution: 1 µg/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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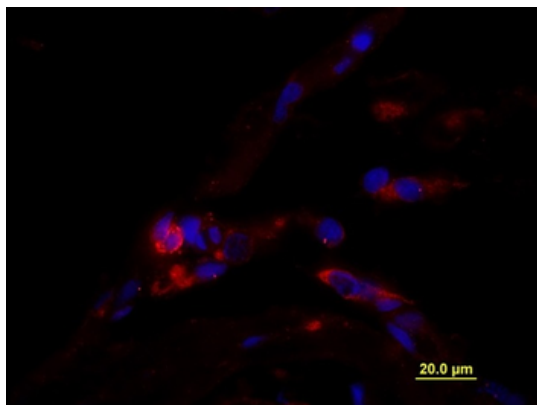
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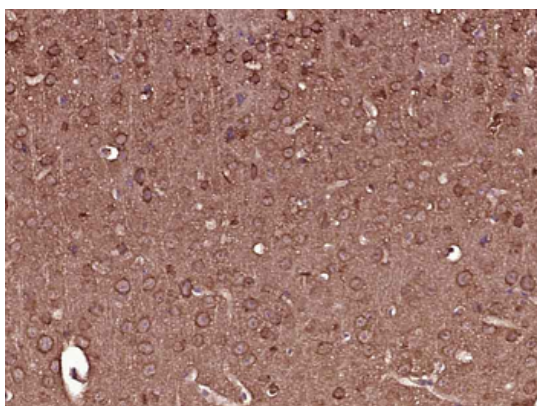
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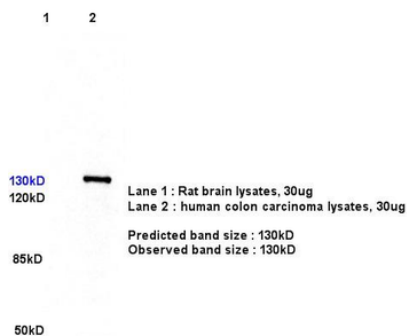
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Formalin-fixed and paraffin embedded Human testis tissue labeled with unconjugated Anti-CD163/M130 Polyclonal Antibody, unconjugated (orb182468) at 1:100 for 40 minutes at 37°C followed by labeling Donkey Anti-Rabbit, Cy3 conjugated 1:300, 60 minutes at 37°C. DAPI nuclear stain employed. Image shows membrane staining of testicular macrophages in the interstitial compartment of the testis, while cells in the seminiferous tubules are negative.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CD163) Polyclonal Antibody, Unconjugated (orb182468) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: Brain (Rat) Lysate at 30 ug, Lane 2: Colon carcinoma (Human) Lysate at 30 ug, Primary: Anti-CD163 (orb182468) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 130 kD, Observed band size: 130kD.

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