

Anti-CD163 Rabbit Monoclonal Antibody

Catalog Number: M00812

About CD163

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

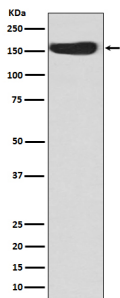
Product Name	Anti-CD163 Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-CD163 Rabbit Monoclonal Antibody catalog # M00812. Tested in WB, IHC, IP applications. This antibody reacts with Human.
Application	IP, IHC, WB
Clonality	Monoclonal ABCC-3
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q86VB7

Technical Details

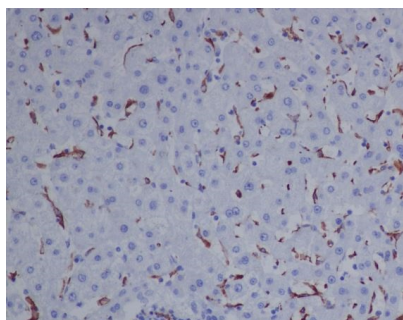
Immunogen	A synthesized peptide derived from human CD163
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:50-1:200 IP 1:30
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Anti-CD163 Rabbit Monoclonal Antibody (M00812) Images



Western blot analysis of CD163 expression in Human fetal kidney lysate.



Immunohistochemical analysis of paraffin-embedded mouse liver, using CD163 Antibody.

2 Publications Citing This Product

1. PubMed ID: 32581565, Farag AGA, El Askary SA, Fathy WM, Elbassal F, Azzam AA, Tayel NR, Abdul Karim SS, Shehata WA. Relationship Between sCD163 and mCD163 and Their Implication in the Detection and Typing of Leprosy. Clin Cosmet Investig Dermatol. 2020 Jun 2;13:379-389. doi:10.2147/CC

2. PubMed ID: 30323677, il-17 induces macrophages to M2-like phenotype via nF- κ B

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