

Product datasheet for **CF506389**

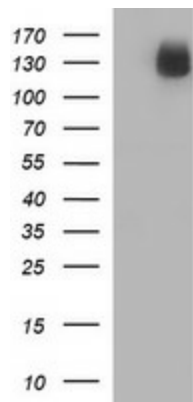
CD163 Mouse Monoclonal Antibody [Clone ID: OTI3C4]

Product data:

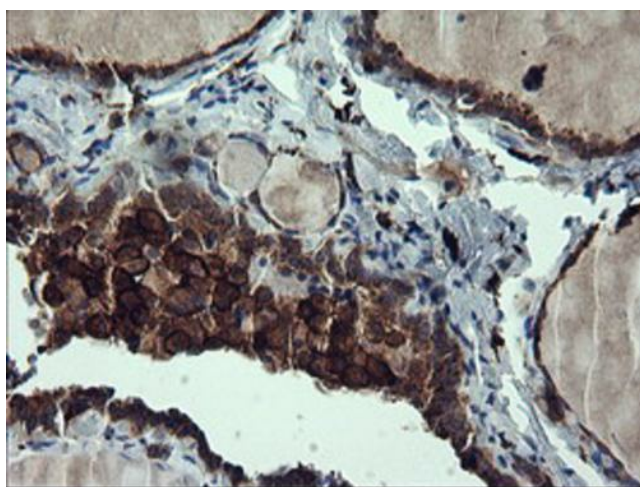
Product Type:	Primary Antibodies
Clone Name:	OTI3C4
Applications:	IF, IHC, LMNX, WB
Recommended Dilution:	WB 1:4000, IHC 1:500, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CD163(NP_004235) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	125.3 kDa
Gene Name:	CD163 molecule
Database Link:	NP_004235 Entrez Gene 9332 Human Q86VB7
Synonyms:	M130; MM130; SCAR11
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane



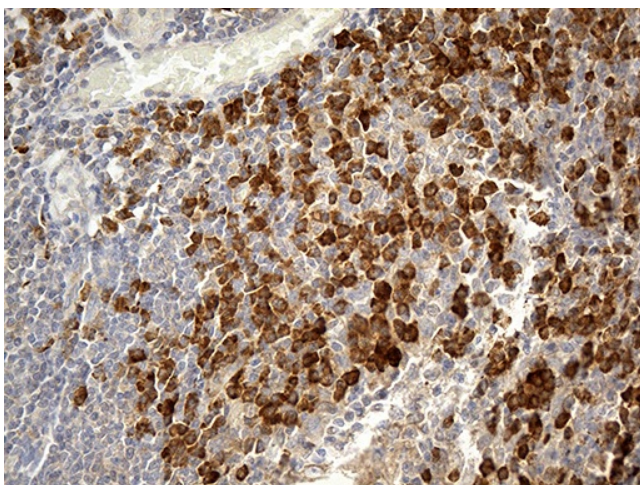
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Product images:

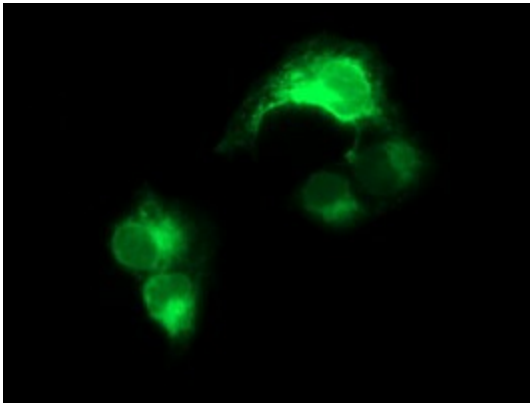
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD163 ([RC208557], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD163. Positive lysates [LY401362] (100ug) and [LC401362] (20ug) can be purchased separately from OriGene.



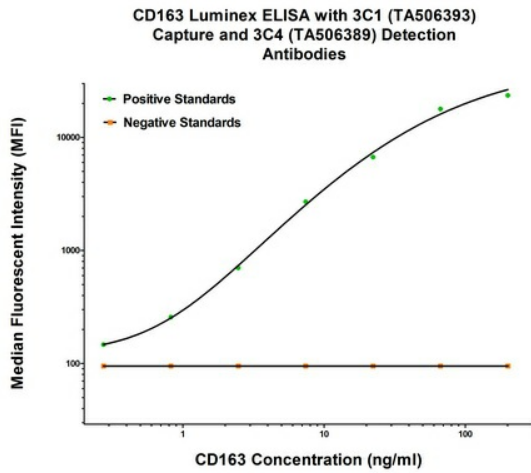
Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-CD163 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA506389])



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-CD163 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA506389]) (1:500)



Anti-CD163 mouse monoclonal antibody ([TA506389]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CD163 ([RC208557]).



CD163 Luminex with 3C1 Capture ([TA506393]) and 3C4 Detection ([TA506389]) Antibodies. Substrate used: full length HEK293 cells expressed recombinant protein of human CD163 ([TP308557]).