

Nur für Forschungszwecke

CD163 Polyklonaler Antikörper

Katalog-Nr.:16646-1-AP

Vorgestelltes Produkt

95 Publikationen



Allgemeine Informationen

Katalog-Nr.: 16646-1-AP	GenBank-Zugangsnummer: BC051281	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 600 µg/ml von Nanodrop;	GeneID (NCBI): 9332	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:1000-1:4000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: CD163 molecule	
Isotyp: IgG	Berechnete Masse: 1156 aa, 125 kDa	
Immunogen Katalognummer: AG10029	Beobachtete Masse: 130-145 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IHC, WB

Getestete Reaktivität:

Hausschwein, Human, Maus

Zitierte Arten:

Hausschwein, Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Hausschwein-Milzgewebe, humanes Plazenta-Gewebe

IHC: humanes Tonsillitisgewebe, humanes Lebergewebe, humanes Lungengewebe

IF: humanes Tonsillitisgewebe, humanes Lebergewebe

Hintergrundinformationen

CD163 is a transmembrane protein which belongs to the scavenger receptor cysteine-rich (SRCR) superfamily. This protein is a scavenger receptor for the hemoglobin-haptoglobin complex and is a marker for monocytes and macrophages. Soluble CD163 (sCD163), as a result of ectodomain shedding during inflammatory activation of macrophages, circulates in blood and has been suggested as a plasma/serum marker for macrophage activity.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xinmei Huang	34478541	J Clin Endocrinol Metab	IHC
Haoyu Guo	36201949	Biomaterials	IF
Hao Zhang	36093059	iScience	IHC,IF

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

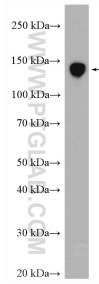
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

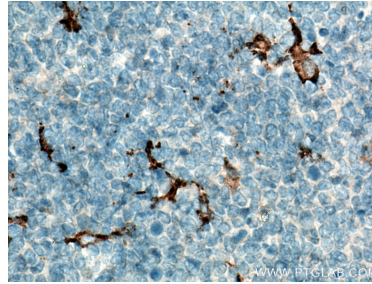
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

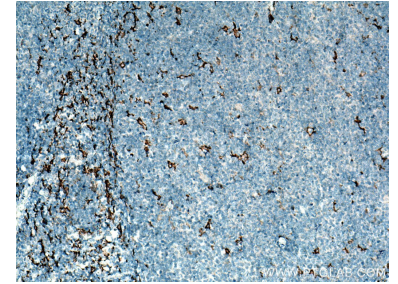
Ausgewählte Validierungsdaten



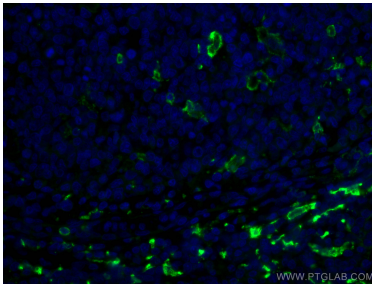
pig spleen tissue were subjected to SDS PAGE followed by western blot with 16646-1-AP (CD163 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



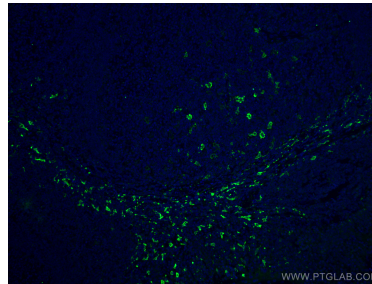
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 16646-1-AP (CD163 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



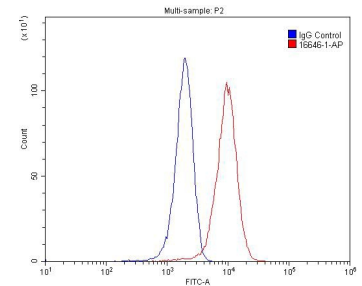
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 16646-1-AP (CD163 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD163 antibody (16646-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD163 antibody (16646-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10⁶ RAW 264.7 cells were stained with 0.2ug CD163 antibody (16646-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.