

Allgemeine Informationen

Katalog-Nr.: 60253-1-Ig	GenBank-Zugangsnummer: BC010507	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von929 Nanodrop und 500 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: CD14 molecule	CloneNo.: 2C1D9
Wirt: Maus	Berechnete Masse: 375 aa, 40 kDa	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:1000-1:4000 IF 1:50-1:500
Isotyp: IgG1	Beobachtete Masse: 55 kDa	
Immunogen Katalognummer: AG10693		

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : THP-1-Zellen, RAW 264.7-Zellen
In Publikationen genannte Anwendungen: Cell treatment, FC, IF, IHC, WB	IHC : humanes Tonsillitisgewebe,
Getestete Reaktivität: Human, Maus	IF : RAW 264.7-Zellen, humanes Tonsillitisgewebe
Zitierte Arten: Human, Kaninchen, Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

CD14 is a 50-55 kDa glycosylphosphatidylinositol-anchored glycoprotein preferentially expressed on monocytes and macrophages, and at lower levels on granulocytes (PMID: 3385210; 2462937; 7685797). CD14 can also exist as a soluble protein. CD14 acts as a co-receptor for bacterial liposaccharides (LPS) (PMID: 1698311). It plays a major role in the inflammatory response of monocytes to LPS.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zeqing Zhai	34480835	Arthritis Rheumatol	IF
Haochen Hui	36208807	Int J Biol Macromol	WB
Sairong Fan	34658894	Front Pharmacol	Cell treatment

Lagerung

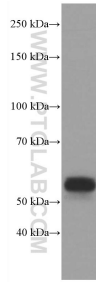
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

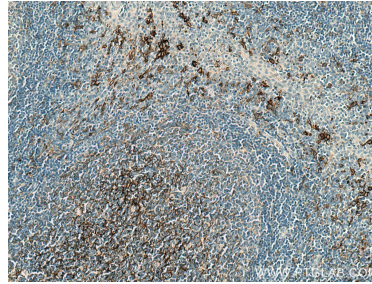
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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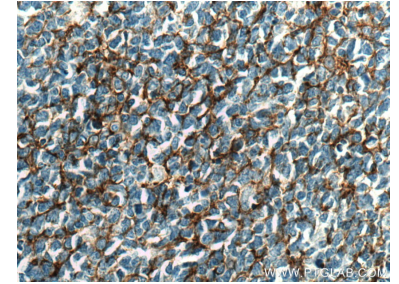
Ausgewählte Validierungsdaten



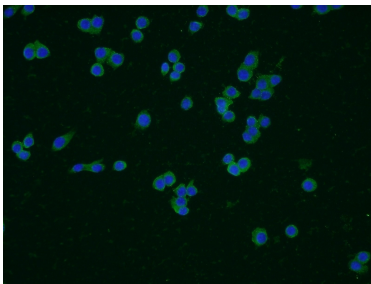
THP-1 cells were subjected to SDS PAGE followed by western blot with 60253-1-Ig (CD14 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



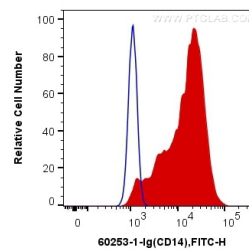
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60253-1-Ig (CD14 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60253-1-Ig (CD14 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of RAW 264.7 cells using 60253-1-Ig (CD14 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



1×10^6 THP-1 cells were surface stained with 0.4 ug Anti-Human CD14 (60253-1-Ig, Clone:2C1D9) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were not fixed.