

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD14

Numéro de catalogue: 60253-1-Ig **11 Publications**



Informations de base

Numéro de catalogue: 60253-1-Ig	Numéro d'acquisition GenBank: BC010507	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 929	CloneNo.: 2C1D9
Hôte: Mouse	Nom complet: CD14 molécule	Dilutions recommandées: WB 1:500-1:2000 IHC 1:1000-1:4000 IF 1:50-1:500
Isotype: IgG1	MW calculé: 375 aa, 40 kDa	
Immunogen Catalog Number: AG10693	MW observés: 55 kDa	

Applications

Applications testées:

FC, IF, IHC, WB, ELISA

Demandes citées:

Cell treatment, FC, IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, Lapin, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules THP-1, cellules RAW 264.7

IHC : tissu d'amygdalite humain,

IF : cellules RAW 264.7, tissu d'amygdalite humain

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zeqing Zhai	34480835	Arthritis Rheumatol	IF
Haochen Hui	36208807	Int J Biol Macromol	WB
Jia Xiong	35320754	Mol Cell	IHC

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

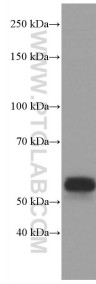
For technical support and original validation data for this product please contact:

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

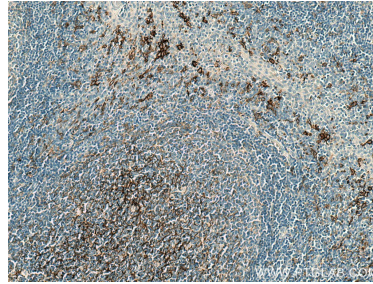
E: proteintech@ptglab.com
W: ptglab.com

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

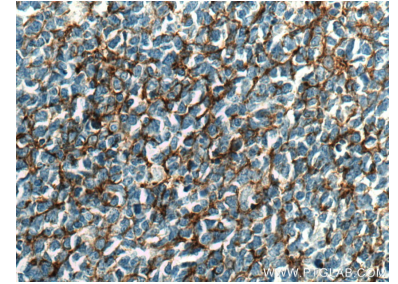
Données de validation sélectionnées



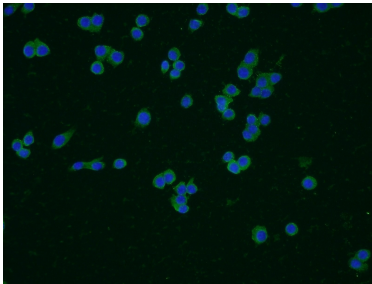
THP-1 cells were subjected to SDS PAGE followed by western blot with 60253-1-Ig (CD14 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



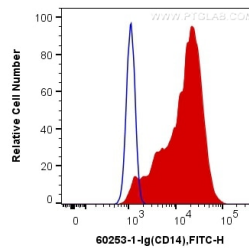
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60253-1-Ig (CD14 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.