



DTH

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invitro

C57 BL/6

IFN- γ

IFN- γ

Ab

%

IgG

IFN- γ

IFN- γ

IFN- γ

(p < /)

DTH

Th₁

IFN- γ

DTH

E mail: Ahmad_Morshedi@yahoo.com

PBS ;

() () / ()

() / ()

()

T

Th2 Th1

*

()

Ab IFN- γ

Ab ()

() ()

% PBC

IFN- γ

IgG

) C57BL/6 :

(

:

¹ Lowry
² Invitro
³ Czinn
⁴ Duplicate

PBS

(Sigma) IFN- γ OD / / Ab OD
 ()
 IFN- γ (mAb2)
 OD
 OD (/)
 IFN- γ
 *
 ()
 (Sigma co.)IFN- γ IFN- γ
 *
 IFN- γ Ag
 IFN- γ IgG () () IFN- γ
 () IFN- γ (mAb1)
 % PBS (/

⁴ Pharmingen

⁵ (H&E)

¹ Triplicate

² L-glutamine

³ (Behring, Germany)

IFN- γ .

(p < /)

/

()

IFN- γ

()

IFN- γ

(IFN- γ)

IFN- γ

IFN- γ

IFN- γ

IFN- γ

OD / IgG

OD /

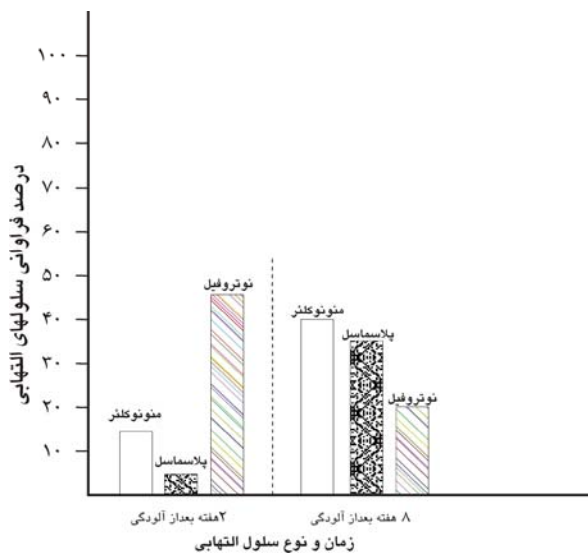
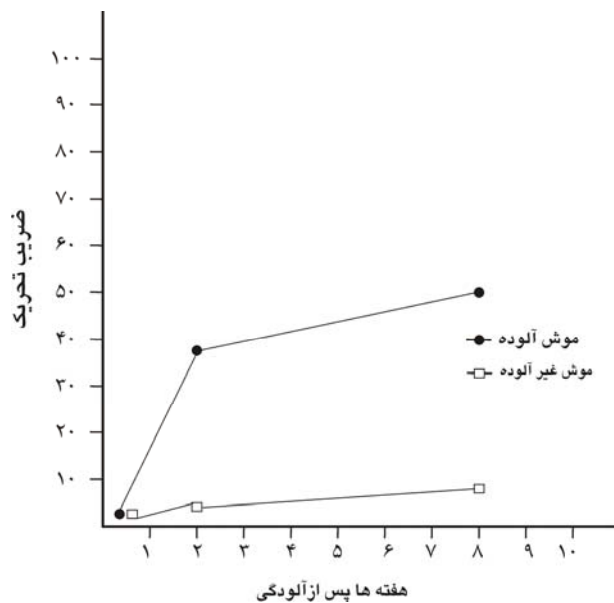
% % %

() ()

IFN-

IFN- γ IFN- γ :

		IgG		IFN- γ	
		OD		/	
				IFN- γ	FN- γ
		/	/		



()

()

()

DTH

IFN- γ Th1

()

DTH Th1

Th1 () Karttunen

IFN- γ

()

(-)

IFN- γ

DTH Th1 (.)

IFN- γ

() Th1 IFN- γ

IFN- γ

IFN- γ

() Kluge

IFN- γ Th1

DTH

¹ Fan

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