

Product Datasheet

CD4 Antibody (MEM-241) NB500-498

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB500-498

CD4 Antibody (MEM-241)

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-241
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	55 kDa

Product Description	
Host	Mouse
Gene ID	920
Gene Symbol	CD4
Species	Human
Specificity/Sensitivity	This is specific for CD4.
Immunogen	Fusion protein (Human).

Product Application Details	
Applications	Western Blot, Flow Cytometry, CyTOF-ready
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1 ug/ml, CyTOF-ready
Application Notes	Flow Cytometry Use at an assay dependent concentration. WB: Use at an assay dependent concentration. Use under non-reducing conditions. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user. This antibody is CyTOF ready.

Publications

Zola H, Swart B, Banham A et al. CD molecules 2006--human cell differentiation molecules J Immunol Methods

Details:

This publication used the PerCP conjugated form of this antibody (Cat# NB110-81598).

Anderson AE, Sayers BL, Haniffa MA et al. Differential regulation of naive and memory CD4+ T cells by alternatively activated dendritic cells J Leukoc Biol

Details:

This publication used the PerCP conjugated form of this antibody (Cat# NB110-81598).

Hovden AO, Karlsen M, Jonsson R et al. Maturation of monocyte derived dendritic cells with OK432 boosts IL-12p70 secretion and conveys strong T-cell responses BMC Immunol

Details:

This publication used the PerCP conjugated form of this antibody (Cat# NB110-81598).



Brdickova N, Brdicka T, Angelisova P et al. LIME: a new membrane Raft-associated adaptor protein involved in CD4 and CD8 coreceptor signaling J Exp Med

Details:

This publication used the PerCP conjugated form of this antibody (Cat# NB110-81598).

Karlsson KR, Cowley S, Martinez FO et al. Homogeneous monocytes and macrophages from human embryonic stem cells following coculture-free differentiation in M-CSF and IL-3 Exp Hematol

Details:

This publication used the PerCP conjugated form of this antibody (Cat# NB110-81598).

Manasa J, Musabaike H, Masimirembwa C et al. Evaluation of the Partec flow cytometer against the BD FACSCalibur system for monitoring immune responses of human immunodeficiency virus-infected patients in Zimbabwe Clin Vaccine Immunol

Details:

This publication used the PerCP conjugated form of this antibody (Cat# NB110-81598).

Hovden AO, Karlsen M, Jonsson R, Aarstad HJ, Appel S. Maturation of monocyte derived dendritic cells with OK432 boosts IL-12p70 secretion and conveys strong T-cell responses BMC Immunol 2011-01-05 [PMID: 21208424]

Details:

This citation used the PerCP version of this antibody.

Karlsson KR, Cowley S, Martinez FO et al. Homogeneous monocytes and macrophages from human embryonic stem cells following coculture-free differentiation in M-CSF and IL-3 Exp Hematol [PMID: 18550257]

Details:

Used the PerCP form of this antibody.

Anderson AE, Sayers BL, Haniffa MA et al. Differential regulation of naive and memory CD4+ T cells by alternatively activated dendritic cells J Leukoc Biol [PMID: 18430785]

Details:

Used the PerCP form of this antibody.

Manasa J, Musabaike H, Masimirembwa C et al. Evaluation of the Partec flow cytometer against the BD FACSCalibur system for monitoring immune responses of human immunodeficiency virus-infected patients in Zimbabwe Clin Vaccine Immunol [PMID: 17267593]

Details:

Used the PerCP form of this antibody.

Zola H, Swart B, Banham A et al. CD molecules 2006--human cell differentiation molecules J Immunol Methods 2007 -01-30 [PMID: 17174972]

Details:

This citation used the PerCP version of this antibody.

Brdickova N, Brdicka T, Angelisova P et al. LIME: a new membrane Raft-associated adaptor protein involved in CD4 and CD8 coreceptor signaling J Exp Med 2003-11-17 [PMID: 14610046]

Details:

This citation used the PerCP version of this antibody.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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