

For Research Use Only

FITC Plus-conjugated CD4 Recombinant monoclonal antibody

Catalog Number: FITC-86300-3



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
FITC-86300-3	NM_013488	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	12504	250263G12
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P06332	IF-P: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG	CD4 antigen	495 nm / 524 nm
Immunogen Catalog Number:	Calculated MW:	
EG3847	51 kDa	
	Observed MW:	
	55 kDa	

Applications

Tested Applications:	Positive Controls:
IF-P	IF-P : mouse spleen tissue,
Species Specificity:	
mouse	

Background Information

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, the majority of thymocytes, monocytes, macrophages, and dendritic cells (PMID: 9304802; 12213222). CD4 is an accessory protein for MHC class-II antigen/T-cell receptor interaction. It plays an important role in T helper cell development and activation (PMID: 9539765; 3112582). CD4 serves as a receptor for the human immunodeficiency virus (HIV) (PMID: 9304802).

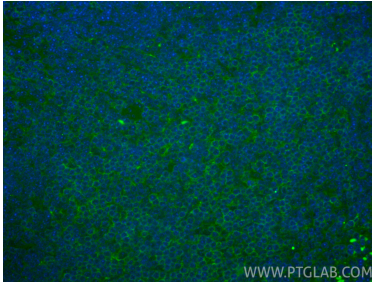
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using FITC Plus CD4 antibody (FITC-86300-3, Clone: 250263G12) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).