

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD3

Numéro de catalogue: PE-65133 **3 Publications**



Informations de base

Numéro de catalogue: PE-65133	Numéro d'acquisition GenBank: BC049847	Méthode de purification: Purification par affinité
Taille: 100 tests, 5 µl/test	Identification du gène (NCBI): 916	CloneNo.: OKT3
Hôte: Mouse	Nom complet: CD3ε molécule, epsilon (CD3-TCR complex)	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG2a, kappa	MW calculé: 207 aa, 23 kDa	

Applications

Applications testées:
FC

Demandes citées:
FC

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, souris

Informations générales

CD3 is a multimeric protein associated with the T-cell receptor (TCR) to form a complex involved in antigen recognition and signal transduction (PMID: 15885124). CD3 is composed of CD3γ, δ, ε, and ζ chains (PMID: 1826255). It is expressed by thymocytes in a developmentally regulated manner, T cells, and some NK cells (PMID: 3289580). The TCR recognizes antigens bound to major histocompatibility complex (MHC) molecules. TCR-mediated peptide-MHC recognition is transmitted to the CD3 complex, leading to the intracellular signal transduction (PMID: 11985657).

Publications notables

Autrice	Pubmed ID	Journal	Application
Cheng Huang	36403209	Adv Sci (Weinh)	FC
Guopin Pan	35131482	Pharmacol Res	FC
Yuan-Hao Wu	27875659	DNA Cell Biol	FC

Stockage

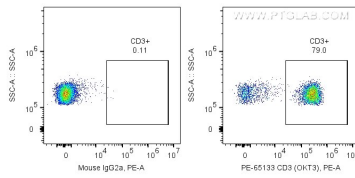
Stockage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:
PBS with 0.09% sodium azide and 0.5% BSA.

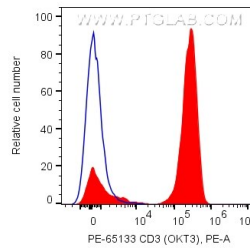
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



1X10⁶ human PBMCs were surface stained with 5 ul PE Anti-Human CD3 (PE-65133, Clone:OKT3), or Mouse IgG2a Isotype Control. Cells were not fixed. Lymphocytes were gated.



1X10⁶ human PBMCs were surface stained with 5 ul PE Anti-Human CD3 (PE-65133, Clone: OKT3), or Mouse IgG2a Isotype Control. Cells were not fixed. Lymphocytes were gated.