

Recombinant

DGRmAb®

CD4 (DGR16183) Rabbit mAb (PBS Only)

db16127-PBS

Package : 100µg

Product Name : CD4 (DGR16183) Rabbit mAb (PBS Only)**Cat.No.:** db16127-PBS**Synonyms :** T4; IMD79; Leu-3; OKT4D; CD4mut**Application :** IHC-P, ICC/IF, FC**Reactivity :** Human**Host species :** Rabbit**Background**

This gene encodes the CD4 membrane glycoprotein of T lymphocytes. The CD4 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class II MHC molecules. The CD4 antigen is also a primary receptor for entry of the human immunodeficiency virus through interactions with the HIV Env gp120 subunit. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, granulocytes, as well as in various regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene. [provided by RefSeq, May 2020]

Immunogen

A synthetic peptide of human CD4

Gene ID

920

Swiss Prot

P01730

Synonyms

T4; IMD79; Leu-3; OKT4D; CD4mut

Reactivity

Human

Application

IHC-P, ICC/IF, FC

Recommended dilutionIHC-P: 1:50
ICC/IF: 1:100
FC: 1:20-1:100**Calculated MW**

51 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR16183
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.