

Recombinant

DGRmAb®

## CD4 (DGR16183) Rabbit mAb

db16127

Package : 10µL 20µL 50µL 100µL

**Product Name :** CD4 (DGR16183) Rabbit mAb**Cat.No.:** db16127**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 dilution**IHC-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
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.