

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

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<b>Clonality No.</b>	DGR16183
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.