Recombinant DGRmAb®

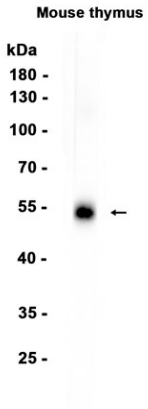
# CD4 (DGR19929) Rabbit mAb

**db16155** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** CD4 (DGR19929) Rabbit mAb
**Cat.No.:** db16155
**Synonyms :** L3T4; Ly-4
**Application :** WB, IHC-P, FC, IP
**Reactivity :** Mouse,Rat
**Host species :** Rabbit

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|---|---|
| **Background** | Predicted to enable several functions, including interleukin-16 binding activity; interleukin-16 receptor activity; and protein homodimerization activity. Involved in helper T cell enhancement of adaptive immune response. Acts upstream of or within several processes, including defense response to Gram-negative bacterium; positive regulation of calcium-mediated signaling; and positive regulation of peptidyl-tyrosine phosphorylation. Located in endoplasmic reticulum; external side of plasma membrane; and membrane raft. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system; and liver and biliary system. Used to study type 1 diabetes mellitus. Human ortholog(s) of this gene implicated in immunodeficiency 79. Orthologous to human CD4 (CD4 molecule). [provided by Alliance of Genome Resources, Apr 2022] |
| **Immunogen** | A synthetic peptide of mouse CD4 |
| **Gene ID** | 12504, 24932 |
| **Swiss Prot** | P06332, P05540 |
| **Synonyms** | L3T4; Ly-4 |
| **Reactivity** | Mouse,Rat |
| **Application** | WB, IHC-P, FC, IP |
| **Recommended dilution** | WB: 1:1000<br>IHC-P: 1:500-1:2000<br>FC: 1:20-1:50<br>IP: 1:20-1:50 |
| **Calculated MW** | 51 kDa |
| **Observed MW** | 51 kDa |
| **Host species** | Rabbit |

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|---|---|
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR19929 |
| **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. |




Western blot analysis of extracts from Mouse thymus tissue using db16155 at 1:1000.