

Recombinant

DGRmAb®

## CD8 alpha (DGR19949) Rabbit mAb (PBS Only)

db16107-PBS

Package : 100µg

**Product Name** : CD8 alpha (DGR19949) Rabbit mAb (PBS Only)**Cat.No.:** db16107-PBS**Synonyms** : CD8; p32; Leu2; IMD116; CD8alpha**Application** : IHC, ICC/IF, FC**Reactivity** : Human, Rat**Host species** : Rabbit**Background**

The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 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 I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain. Multiple transcript variants encoding different isoforms have been found for this gene. The major protein isoforms of this gene differ by the presence or absence of a transmembrane domain and thus differ in being a membrane-anchored or secreted protein. [provided by RefSeq, May 2020]

**Immunogen**

A synthetic peptide of human CD8 alpha

**Gene ID**

925

**Swiss Prot**

P01732

**Synonyms**

CD8; p32; Leu2; IMD116; CD8alpha

**Reactivity**

Human, Rat

**Application**

IHC, ICC/IF, FC

**Calculated MW**

26 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR19949

**Isotype**

IgG

**Purity**

Affinity Purification

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<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.