

PRODUCT INFORMATION

Target CD94 KLRD1 **Synonyms**

Recombinant Cynomolgus CD94 protein with N-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** Q68VD4 **Expression Host HEK293**

Tag N-Human Fc tag

Molecular

Purity

Background

hFc(Glu99-Ala330) CD94(Lys32-Ile179) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 43.4 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation.
Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the regulation of NK cell function. KLRD1 (CD94) is an arrange and apply colls and

antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Several transcript variants encoding different isoforms have been found for this gene. [provided by

RefSeq, May 2017]

Usage Research use only

Conjugate Unconjugated

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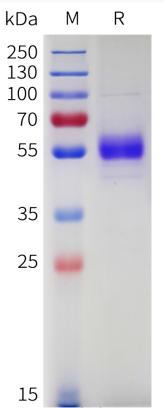


Figure 1. Cynomolgus CD94 Protein, hFc Tag on SDS-PAGE under reducing condition.

Cynomolgus CD94, hFc Tagged protein ELISA

0.2 μg of Cynomolgus CD94, hFc tagged protein per well

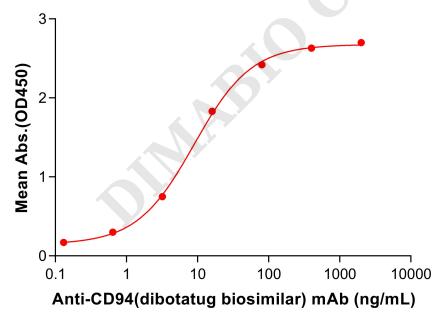


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Cynomolgus CD94 Protein, hFc Tag (PME-C100087) can bind Anti-CD94(dibotatug biosimilar) mAb (BME100476) in a linear range of 3.2–16 ng/mL, mouse anti-human Fab-specific antibody was used as detection antibody.



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