

PRODUCT INFORMATION

NKp30 **Target**

NCR3;CD337;NKp30;1C7;LY117;MALS **Synonyms**

Recombinant human NKp30 protein with C-**Description**

terminal human Fc

Delivery In Stock **Uniprot ID** 014931 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Storage & Shipping

NKp30(Leu19-Gly135) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

39.0 kDa after removal of the signal peptide. The apparent molecular mass of NKp30-hFc is **Molecular Weight**

approximately 45-60 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & 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). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a natural cytotoxicity receptor (NCR) that may aid NK cells in the lysis of tumor cells. The encoded protein interacts with CD3-zeta (CD247), a T-cell

Background receptor. A single nucleotide polymorphism in the 5' untranslated region of this gene has been associated with mild malaria suceptibility. Three

transcript variants encoding different isoforms

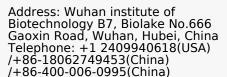
have been found for this gene.

Usage Research use only

Conjugate Unconjugated



Email: info@dimabio.com Website: www.dimabio.com







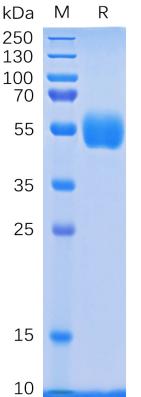


Figure 1. Human NKp30 Protein, hFc Tag on SDS-PAGE under reducing condition.

Human NKp30, hFc Tagged protein ELISA

0.2 µg of B7H6, His Tagged protein per well

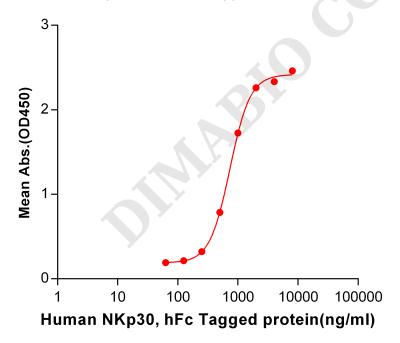


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human B7H6, His tagged protein PME100510 can bind Human NKp30, hFc tagged protein (PME100081) in a linear range of 250-2000 ng/ml.

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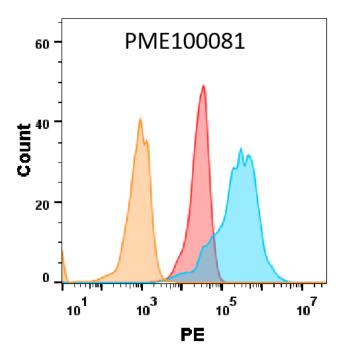


Figure 3. B7H6 protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with 2ug/ml Human NKp30 Protein, hFc Tag (PME100081) on HEK293 cells transfected with human B7H6 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram), and Isotype antibody on HEK293 transfected with irrelevant protein (Orange histogram).

Email: info@dimabio.com Website: www.dimabio.com

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)