

PRODUCT INFORMATION

Target NTB-A

NTB-A;SLAMF6;Ly108;NK-T-B-antigen;CD352;KALI **Synonyms**

Recombinant human NTB-A protein with C-**Description**

terminal mouse Fc and 6×His tag

Delivery In Stock Q96DU3 **Uniprot ID Expression Host HEK293**

Tag C-Mouse Fc and 6×His Tag

Molecular NTB-A(Gln22-Met226) mFc(Pro99-Lys330) 6×His

Characterization

The protein has a predicted molecular mass of **Molecular Weight** 50.1 kDa after removal of the signal peptide.

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 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.

The protein encoded by this gene is a type transmembrane protein, belonging to the CD2 subfamily of the immunoglobulin superfamily. This encoded protein is expressed on Natural killer (NK), T, and B lymphocytes. It undergoes tyrosine phosphorylation and associates with the

Src homology 2 domain-containing protein (SH2D1A) as well as with SH2 domain-containing phosphatases (SHPs). It functions as a coreceptor **Background** in the process of NK cell activation. It can also

mediate inhibitory signals in NK cells from Xlinked lymphoproliferative patients. Alternative splicing results in multiple transcript variants

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encoding distinct isoforms.

Usage Research use only

Conjugate Unconjugated





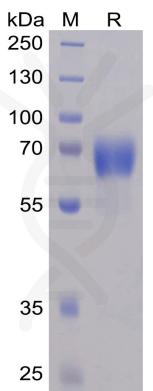


Figure 1.Human NTB-A Protein, mFc-His Tag on SDS-PAGE under reducing condition.

Human NTB-A, mFc-His Tagged protein ELISA

0.2 μg of Human NTB-A, mFc-His tagged protein per well

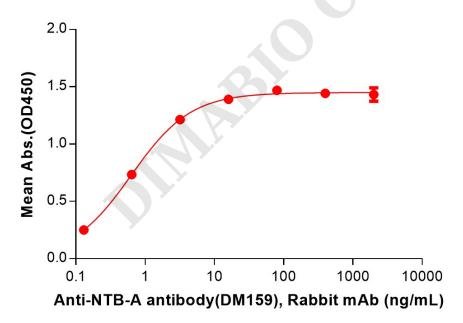


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human NTB-A Protein, mFc-His Tag (PME100059) can bind Anti-NTB-A antibody(DM159), Rabbit mAb in a linear range of 0.13–3.20 ng/mL.

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