NKMAXBiO we support you, we believe in your research Human NKp30/NCR3 antibody Catalog Number: ATGA0508

## **PRODUCT INFORMATION**

Catalog number ATGA0508

Clone No. AT38D9

**Product type** Monoclonal Antibody

**UnitProt No.** 014931

NCBI Accession No. NP\_001138939

Alternative Names Natural cytotoxicity triggering receptor 3, 1C7, CD337, LY117, MALS, NKp30

# **PRODUCT SPECIFICATION**

Antibody Host Mouse

Reacts With Human

Concentration 1mg/ml (determined by BCA assay)

## Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

### Immunogen

Recombinant human NCR3 (19-138aa) purified from E. coli

# Isotype

lgG1 kappa

**Purification Note** By protein-A affinity chromatography

## Application

ELISA,WB

## Usage

The antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

### Storage

For research use only. This product is not intended or approved for human, diagnostics or veterinary use. Website: www.nkmaxbio.com email: supportbio@nkmax.com



Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

## Description

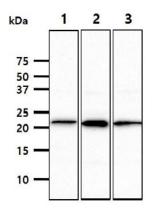
NCR3, also known as NKP30, is a natural cytotoxicity receptor (NCR) that may aid NK cells in the lysis of tumor cells. The encoded protein interacts with CD3-zeta (CD247), a T-cell receptor. A single nucleotide polymorphism in the 5' untranslated region of this gene has been associated with mild malaria suceptibility. Three transcript variants encoding different isoforms have been found for this gene.

#### **General References**

Venter J.C., et al. (2001) Science. 291:1304-1351. Gerhard D.S., et al. (2004) Genome Res. 14:2121-2127.

### DATA

#### Western blot analysis (WB)



The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human NCR3 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: THP-1 cell lysate Lane 2.: Ramos cell lysate Lane 3.: TF-1 cell lysate

