

Human NKp30/NCR3 antibody

Catalog Number: ATGA0508

PRODUCT INFORMATION

Catalog number

ATGA0508

Clone No.

AT38D9

Product type

Monoclonal Antibody

UnitProt No.

O14931

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

IgG1 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

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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 susceptibility. Three transcript variants encoding different isoforms have been found for this gene.

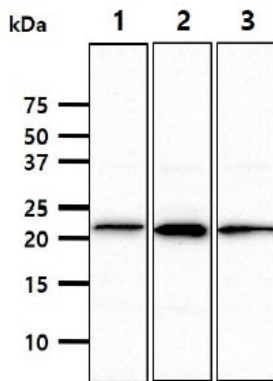
General References

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