

# DcR1/CD263 Rabbit mAb

Catalog No.: A24912 **Recombinant**

## Basic Information

**Observed MW**

62kDa

**Calculated MW**

27kDa

**Category**

Primary antibody

**Applications**

WB, IHC-P, FC, ELISA

**Cross-Reactivity**

Human

**CloneNo number**

ARC63904

## Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain. This receptor is not capable of inducing apoptosis, and is thought to function as an antagonistic receptor that protects cells from TRAIL-induced apoptosis. This gene was found to be a p53-regulated DNA damage-inducible gene. The expression of this gene was detected in many normal tissues but not in most cancer cell lines, which may explain the specific sensitivity of cancer cells to the apoptosis-inducing activity of TRAIL.

## Recommended Dilutions

**WB** 1:1000 - 1:5000**IHC-P** 1:50 - 1:200**FC** 1:100-1:500

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**

8794

**Swiss Prot**

O14798

**Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Synonyms**

TNFRSF10C; CD263; DCR1; DCR1-TNFR; LIT; TRAIL-R3; TRAILR3; TRID; TNF receptor superfamily member 10c; DcR1/CD263

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

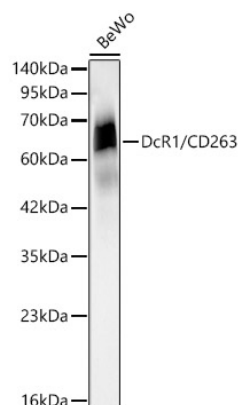
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of lysates from BeWo cells using DcR1/CD263 Rabbit mAb (A24912) at 1:2000 dilution.

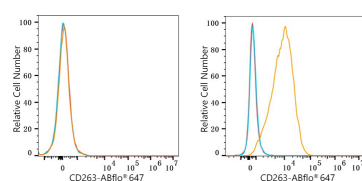
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

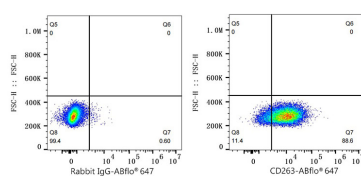
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

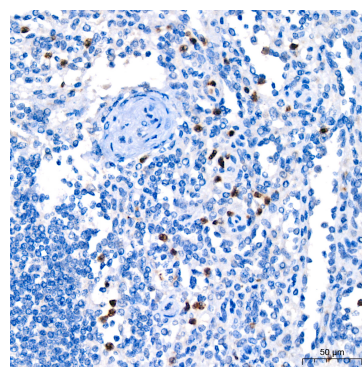
Exposure time: 30s.



Flow cytometry:  $1 \times 10^6$  K-562 cells (Low Expression, left) and BEWO cells (right) were surface-stained with DcR1/CD263 Rabbit mAb (A24912, 2 µg/mL, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 µL/Test, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  BEWO cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µL/Test, left) or DcR1/CD263 Rabbit mAb (A24912, 2 µg/mL, right).



Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using DcR1/CD263 Rabbit mAb (A24912) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.