

Datasheet for ABIN1169065

**anti-CD137 antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CD137 (TNFRSF9)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Flow Cytometry (FACS), Western Blotting (WB)

## Product Details

Immunogen:	Human CD137.
Specificity:	Recognizes human CD137. Detects a band of ~29 kDa by Western blot.
Cross-Reactivity:	Human
No Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	Does not cross-react with mouse CD137.
Sterility:	0.2 µm filtered

## Target Details

Target:	CD137 (TNFRSF9)
Alternative Name:	CD137 ( <a href="#">TNFRSF9 Products</a> )
Background:	CD137 is a member of the tumor necrosis factor (TNF) receptor family. CD137 is expressed by activated T cells, dendritic cells, NK cells, granulocytes and cells of blood vessel walls at sites of

## Target Details

inflammation. CD137 has costimulatory activity for activated T cells. Crosslinking of CD137 enhances T cell proliferation, IL-2 secretion survival and cytolytic activity. CD137 was shown to enhance immune activity to eliminate tumors in mice.

UniProt: [Q07011](#)

Pathways: [Cancer Immune Checkpoints](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

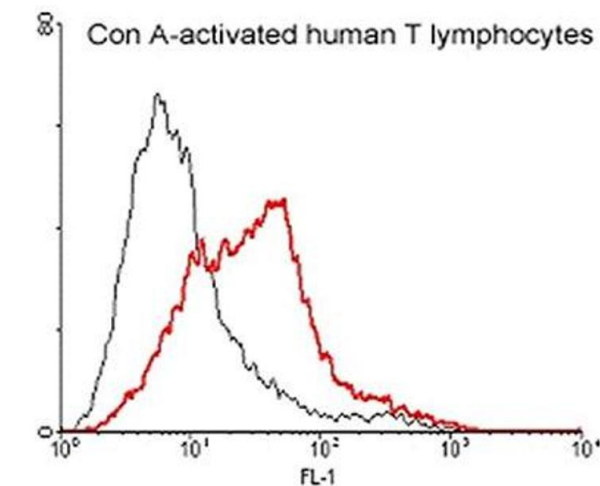
Buffer: 0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.

Preservative: Without preservative

Storage: 4 °C,-20 °C

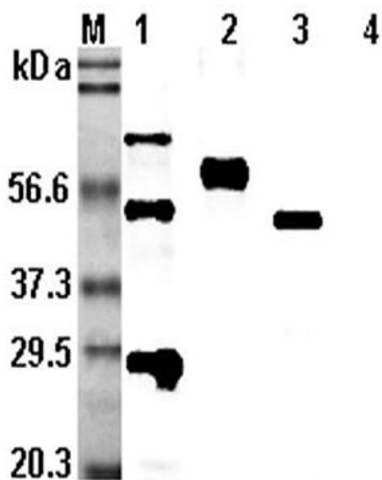
Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months



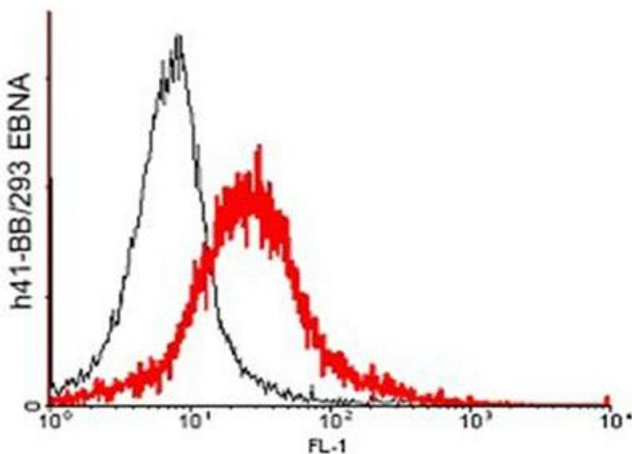
#### Flow Cytometry

**Image 1.** FACS: Con A activated human T lymphocytes were stained significantly using anti-CD137 (human), pAb .



#### Western Blotting

**Image 2.** Western blot analysis using anti-CD137 (human), pAb at 1:5,000 dilution. 1. Human CD137 (His-tagged). 2. Human CD137 (Fc protein). 3. Human CD137 (GST-tagged). 4. MouseCD137 (Fc protein).



#### Flow Cytometry

**Image 3.** FACS: Human CD137 transfected HEK 293 cells were stained significantly using anti-CD137 (human), pAb .