

Datasheet for ABIN5611112  
**anti-CD137 antibody (AA 24-186)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	0.1 mg
Target:	CD137 (TNFRSF9)
Binding Specificity:	AA 24-186
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD137 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

## Product Details

Immunogen:	Purified recombinant fragment of human CD137 (AA: extra 24-186) expressed in E. coli.
Clone:	4G10B9
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	CD137 (TNFRSF9)
Alternative Name:	CD137 ( <a href="#">TNFRSF9 Products</a> )
Background:	Description: The protein encoded by this gene is a member of the TNF-receptor superfamily.

## Target Details

This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB.

Aliases: TNFRSF9, ILA, 4-1BB, CDw137

Molecular Weight:	27.9 kDa
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Gene ID:	3604
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HGNC:	3604
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Pathways:	<a href="#">Cancer Immune Checkpoints</a>
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## Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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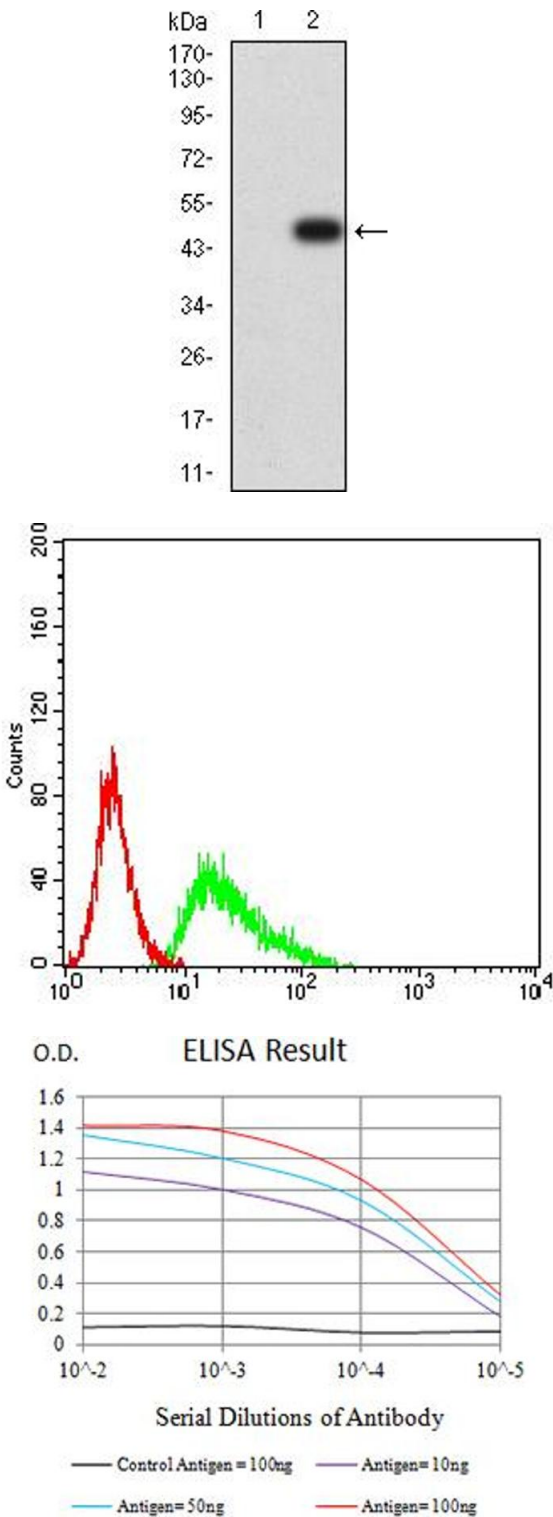
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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Western Blotting

**Image 1.** Western blot analysis using CD137 mAb against HEK293 (1) and CD137 (AA: extra 24-186)-hlgGFc transfected HEK293 (2) cell lysate.

Flow Cytometry

**Image 2.** Flow cytometric analysis of Ramos cells using CD137 mouse mAb (green) and negative control (red).

ELISA

**Image 3.** Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5611112.