

Datasheet for ABIN7092917
anti-TNFRSF4 antibody (AA 29-216)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	TNFRSF4
Binding Specificity:	AA 29-216
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TNFRSF4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA

Product Details

Immunogen:	Recombinant human OX40 (Leu29-Ala216) ((ABIN6961095, ABIN7042219 and ABIN7042220)) produced by using human HEK293 cells
Clone:	DM116
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	TNFRSF4
Alternative Name:	OX40 (TNFRSF4 Products)
Background:	Synonyms:TNFRSF4, OX40, CD134, OX40L receptor, ACT35, TXGP1L

Target Details

Description: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2L1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation.

Molecular Weight: 47.2 kDa

Gene ID: 7293

UniProt: [P43489](#)

Pathways: [Production of Molecular Mediator of Immune Response](#), [Cancer Immune Checkpoints](#)

Application Details

Application Notes: ELISA 1/5000-10000, Flow Cyt 1/100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization., 0.1 % Procline 300

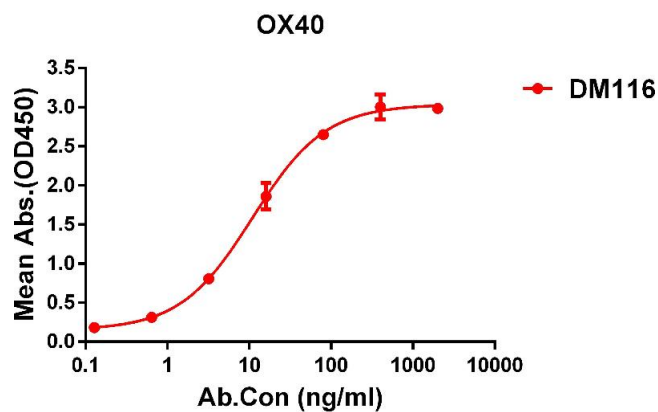
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

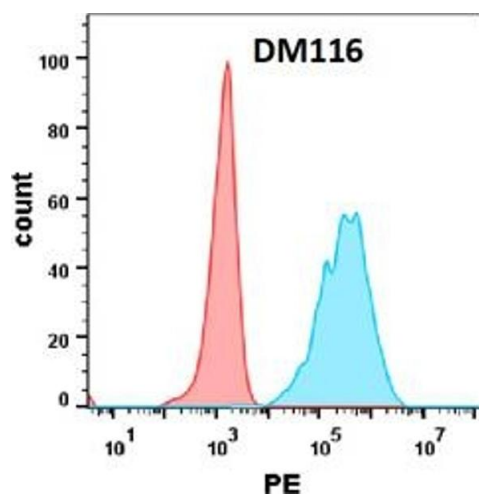
Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human OX40 protein, hFc-His tagged protein ((ABIN6961095, ABIN7042219 and ABIN7042220)) can bind Rabbit anti-OX40 monoclonal antibody(clone: DM116) in a linear range of 6-70 ng/mL.



Flow Cytometry

Image 2. Flow cytometry analysis with Anti-OX40 (DM116) on Expi293 cells transfected with human OX40 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).