

PRODUCT INFORMATION

Clone ID	DM116
Target	OX40
Synonyms	TNFRSF4; OX40; CD134; OX40L receptor; ACT35; TXGP1L
Host Species	Rabbit
Description	Anti-OX40 antibody(DM116); Rabbit mAb
Delivery	In Stock
Uniprot ID	P43489
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	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.
Background	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.
Usage	Research use only



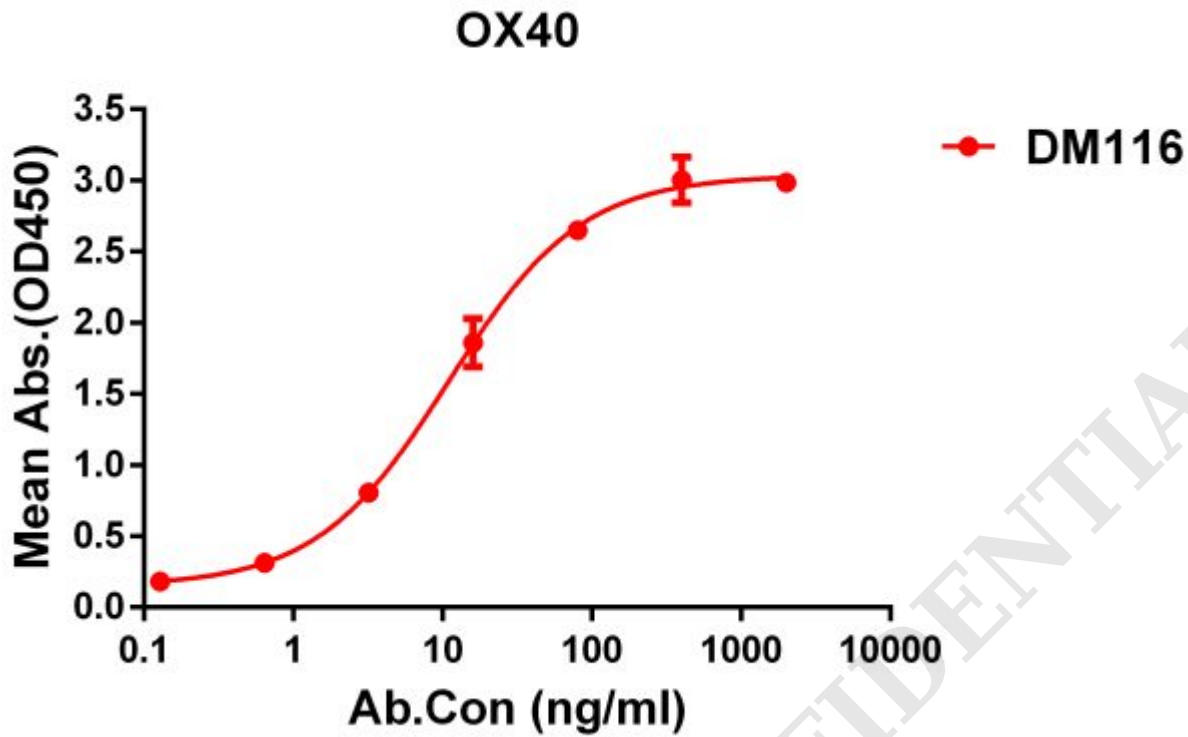


Figure 1. ELISA plate pre-coated by 2 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) Human OX40 protein, hFc-His tagged protein ([getskuurl sku="PME100022"]) can bind Rabbit anti-OX40 monoclonal antibody (**clone: DM116**) in a linear range of 6-70 ng/ml.

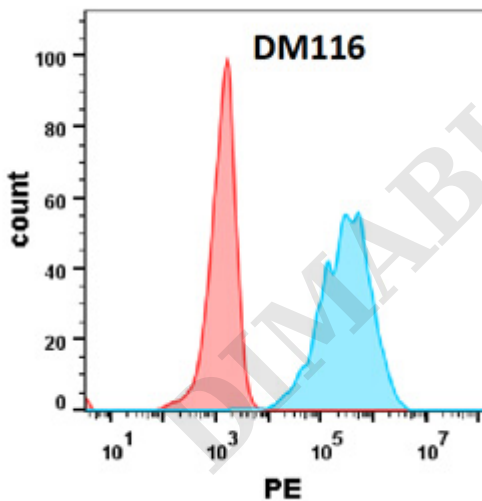


Figure 2. Flow cytometry analysis with Anti-OX40 (**DM116**) on Expi293 cells transfected with human OX40 (Blue histogram) or Expi293 transfected with irrelevant protein(Red histogram).

