

Product datasheet

Anti-OX40L/TNFSF4 antibody [EP1168Y] αb76130

Recombinant **RabMAb**

[1 References](#) [2 Images](#)

Overview

Product name	Anti-OX40L/TNFSF4 antibody [EP1168Y]
Description	Rabbit monoclonal [EP1168Y] to OX40L/TNFSF4
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HUVEC and A-172 whole cell lysate. Recombinant human CD252 / OX40L.
General notes	<p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>
Purity	Tissue culture supernatant

Clonality	Monoclonal
Clone number	EP1168Y
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab76130 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

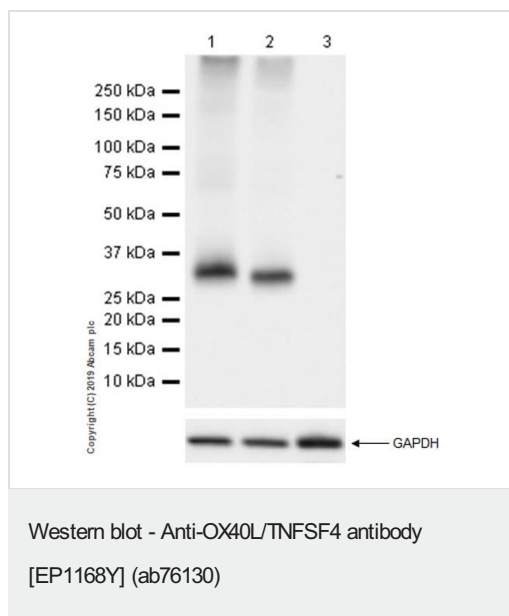
Application	Abreviews	Notes
WB		1/10000 - 1/50000. Detects a band of approximately 50 kDa (predicted molecular weight: 30 kDa).

Application notes Is unsuitable for Flow Cyt, IHC-P or IP.

Target

Function	Cytokine that binds to TNFRSF4. Co-stimulates T-cell proliferation and cytokine production.
Involvement in disease	Genetic variations in TNFSF4 influence susceptibility to systemic lupus erythematosus (SLE) [MIM:152700]. SLE is a chronic, inflammatory and often febrile multisystemic disorder of connective tissue. It affects principally the skin, joints, kidneys and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system. Note=The upstream region of TNFSF4 contains a single risk haplotype for SLE, which is correlated with increased expression of both cell-surface TNFSF4 and TNFSF4 transcripts. Increased levels of TNFSF4 are thought to augment T cell-APC interaction and the functional consequences of T cell activation, thereby destabilizing peripheral tolerance.
Sequence similarities	Belongs to the tumor necrosis factor family.
Cellular localization	Membrane.

Images



All lanes : Anti-OX40L/TNFSF4 antibody [EP1168Y] (ab76130) at 1/1000 dilution

Lane 1 : HUVEC (human umbilical vein endothelial cell) whole cell lysate

Lane 2 : A-172 (human brain glioblastoma) whole cell lysate

Lane 3 : Raji (human burkitt's lymphoma b lymphocyte) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

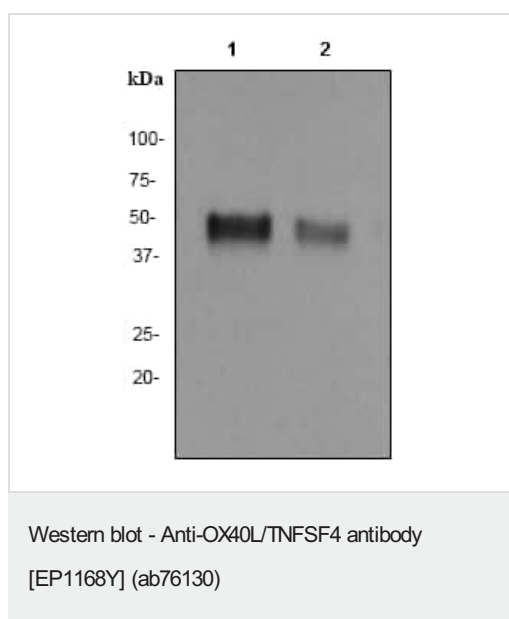
Predicted band size: 30 kDa

Observed band size: 30 kDa

Exposure time: 6 seconds

OX40L/TNFSF4 is a glycoprotein. The expression profile and molecular weight observed is consistent with what has been described in the literature (PMID: 8642328)

Negative control: Raji (PMID: 8642328)



All lanes : Anti-OX40L/TNFSF4 antibody [EP1168Y] (ab76130) at 1/50000 dilution

Lane 1 : Recombinant human CD252 / OX40L at 0.01 µg

Lane 2 : Recombinant human CD252 / OX40L at 0.005 µg

Secondary

All lanes : Goat anti-rabbit-HRP at 1/1000 dilution

Predicted band size: 30 kDa

Observed band size: 50 kDa

The recombinant protein was expressed as a fusion protein.

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