

For Research Use Only

PE Anti-Mouse OX40L/TNFSF4 Rabbit Recombinant Antibody

Catalog Number: PE-98381



Basic Information

Catalog Number:

PE-98381

Concentration:

100ug, 200 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1573

GenBank Accession Number:

NM_009452.2

GeneID (NCBI):

22164

UNIPROT ID:

P43488

Full Name:

tumor necrosis factor (ligand)
superfamily, member 4

Calculated MW:

22kDa

Purification Method:

Protein A purification

CloneNo.:

242227B1

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl
suspension

Excitation/Emission maxima
wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Anti-IgM and CD40 treated BALB/c mouse
splenocytes,

Background Information

The tumour necrosis factor ligand superfamily member 4 gene (TNFSF4, OX40L), which encodes for the T cell costimulatory molecule OX40 ligand, has been identified as a susceptibility gene for the development of systemic lupus erythematosus (SLE). OX40L/TNFSF4/CD252 is a co-stimulatory checkpoint protein expressed by several types of immune and non-immune cells (PMID: 15750594, 19778912). TNFSF4 mRNA is expressed in melanoma cell lines and melanoma samples, including those with low lymphocytic infiltrates, and is not associated with the ulceration status of the primary tumor (PMID: 31501955).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

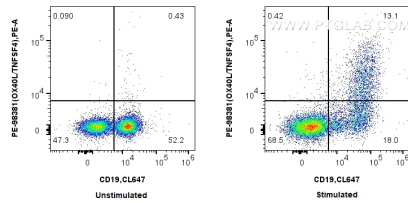
T: 4006900926

E: Proteintech-CN@ptglab.com

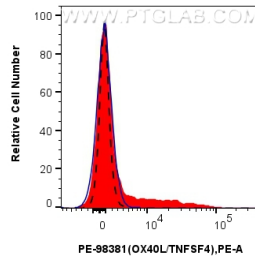
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Selected Validation Data



1x10⁶ untreated or Anti-IgM and CD40 treated BALB/c mouse splenocytes were surface stained with CoraLite® Plus 647 Anti-Mouse CD19 and 0.25 ug PE Anti-Mouse OX40L/TNFSF4 Rabbit RecAb (PE-98381, Clone:242227B1). Cells were not fixed.



1x10⁶ Anti-IgM and CD40 treated BALB/c mouse splenocytes were surface stained with 0.25 ug PE Anti-Mouse OX40L/TNFSF4 Rabbit RecAb (PE-98381, Clone: 242227B1) (red), or PE Rabbit IgG Isotype Control RecAb (PE-98136, Clone: 240953C9) (blue). 1x10⁶ untreated BALB/c mouse splenocytes were surface stained with 0.25 ug PE Anti-Mouse OX40L/TNFSF4 Rabbit RecAb (PE-98381, Clone: 242227B1)(black, dashed). Cells were not fixed.