

For Research Use Only

# Anti-Mouse OX40L/TNFSF4 Rabbit Recombinant Antibody

Catalog Number: 98381-1-RR



## Basic Information

Catalog Number:

98381-1-RR

Concentration:

100ug, 1000 ug/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 10<sup>6</sup> cells in 100  $\mu$ l  
suspension

## 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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

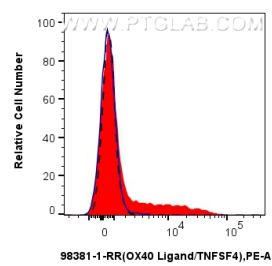
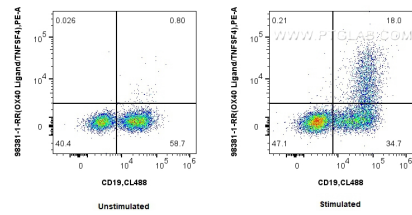
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# Selected Validation Data



1x10<sup>6</sup> untreated or Anti-IgM and CD40 treated BALB/c mouse splenocytes were surface stained with 0.25 ug Anti-Mouse OX40 Ligand/TNFSF4 Rabbit RecAb (98381-1-RR, Clone:242227B1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 488 Anti-Mouse CD19 (1D3) (CL488-65290, Clone: 1D3). Cells were not fixed.

1x10<sup>6</sup> Anti-IgM and CD40 treated BALB/c mouse splenocytes were surface stained with 0.25 ug Anti-Mouse OX40 Ligand/TNFSF4 Rabbit RecAb (98381-1-RR, Clone:242227B1) (red) and PE-Conjugated Goat Anti-Rabbit IgG(H+L), or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). 1x10<sup>6</sup> untreated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse OX40 Ligand/TNFSF4 Rabbit RecAb (98381-1-RR, Clone:242227B1) (black, dashed) and PE-