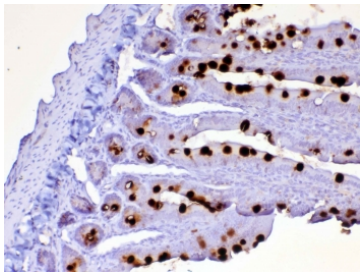
Cd252 Antibody / Ox40l (RQ4110)

Catalog No.	Formulation	Size
RQ4110	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P43488
Localization	Membrane, cytoplasm
Applications	Western Blot: 0.5-1ug/ml Immunohistochemistry: 1-2ug/ml
Limitations	This Cd252 antibody is available for research use only.



IHC testing of FFPE rat small intestine tissue with Cd252 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Western blot testing of 1ng of recombinant mouse protein with Cd252 antibody at 0.5ug/ml. Predicted molecular weight: 22-35 kDa depending on glycosylation level.

Description

OX40L (TNFSF4, CD252) is the ligand for CD134 and is expressed on such cells as DC2s (a subtype of dendritic cells) enabling amplification of Th2 cell differentiation. This gene encodes a cytokine of the tumor necrosis factor (TNF) ligand family. The encoded protein functions in T cell antigen-presenting cell (APC) interactions and mediates adhesion of activated T cells to endothelial cells. Polymorphisms in this gene have been associated with Sjogren's syndrome and systemic lupus erythematosus. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the Cd252 antibody should be determined by the researcher.

Immunogen

A recombinant mouse partial protein corresponding to amino acids Q49-L198 was used as the immunogen for the Cd252 antibody.

Storage

After reconstitution, the Cd252 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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