

Rabbit CD252 Polyclonal Antibody | anti-CD252 antibody

Anti-CD252 Picoband antibody

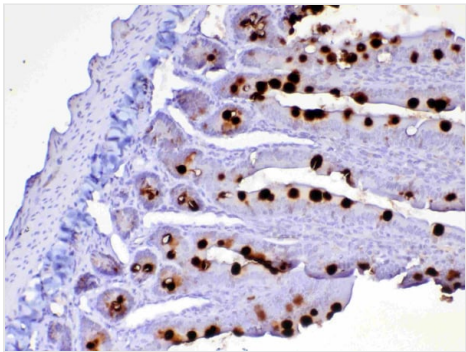
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA124690	Rabbit	Mouse No cross reactivity with other proteins.	Western Blot, ELISA

PRODUCT SYNONYMS

CD252; Polyclonal Antibody; Anti-CD252 Picoband antibody; Tumor necrosis factor ligand superfamily member 4; OX40 ligand; OX40L; Tnfsf4; Ox40l; Txgp1l; anti-CD252 antibody

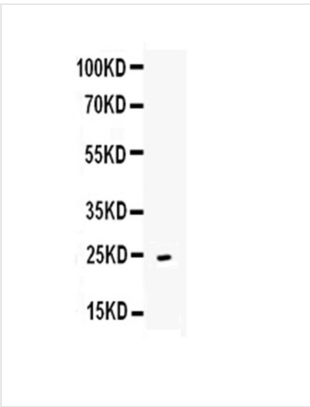
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse No cross reactivity with other proteins.
Clonality	Polyclonal
Form/Format	Lyophilized
Sequence Length	198
Applicable Applications for anti-CD252 antibody	WB (Western Blot), ELISA
Immunogen	E Coli-derived mouse CD252 recombinant protein (Position: Q49-L198).
Subcellular Localization	Membrane; Single-pass type II membrane protein.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Contents	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)

Figure 2. IHC analysis of CD252 using anti-CD252 antibody (AAA124690).CD252 was detected in paraffin-embedded section of rat small intestine tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-CD252 Antibody (AAA124690) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



WB (Western Blot)

Figure 1. Western blot analysis of CD252 using anti-CD252 antibody (AAA124690).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours.Lane 1: recombinant mouse CD252 protein 1ng.After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CD252 antigen affinity purified polyclonal antibody at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for CD252 at approximately 21-25KD. The expected band size for CD252 is at 18KD.

ADDITIONAL INFORMATION

Related Product Information for anti-CD252 antibody	Description: OX40L(TNFSF4) 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. Protein Function: Cytokine that binds to TNFRSF4. Co-stimulates T-cell proliferation and cytokine production.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678473
NCBI GeneID	22164
NCBI Accession #	NP_033478.1
NCBI GenBank Nucleotide #	NM_009452.2
UniProt Accession #	P43488
Molecular Weight	22,255 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 4
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 4
NCBI Official Symbol	Tnfsf4
NCBI Official Synonym Symbols	Ath1; gp34; Ath-1; Ox40l; TXGP1; CD134L; OX-40L; Tnlg2b; Txgp1l
NCBI Protein Information	tumor necrosis factor ligand superfamily member 4
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 4
UniProt Gene Name	Tnfsf4
UniProt Synonym Gene Names	Ox40l; Txgp1l; OX40L

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd252-antibody-western-blot-elisa/124690>