Rabbit anti-Human CD253 Polyclonal Antibody | anti-CD253 antibody

CD253 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321937	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

CD253; Polyclonal Antibody; CD253 Antibody; Apo 2 ligand; APO 2L; Apo-2 ligand; Apo-2L; APO2L; CD253 antigen; Chemokine tumor necrosis factor ligand superfamily member 10; Protein TRAIL; TL2; TNF Related Apoptosis Inducing Ligand; TNF related apoptosis inducing ligand TRAIL; TNF-related apoptosis-inducing ligand; TNF10_HUMAN; TNFSF10; TRAIL; Tumor necrosis factor (ligand) family member 10; Tumor Necrosis Factor (ligand) Superfamily Member 10; Tumor necrosis factor apoptosis inducing ligand splice variant delta; Tumor necrosis factor ligand superfamily member 10; anti-CD253 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CD253 antibody detects endogenous levels of total CD253
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	101
Applicable Applications for anti-CD253 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD253
Subcellular Location	Membrane.
Tissue Specificity	Widespread; most predominant in spleen, lung and prostate.
Predicted Cross Reactivity	**Horse, Dog**
Similarity	Horse (100%), Dog (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

WB (Western Blot)
Western blot analysis of CD253 expression in 293 cells, The lane on the left is treated with the antigen-specific peptide.

IF (Immunofluorescence)
AAA321937 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

IF (Immunofluorescence)
AAA321937 staining hacat cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD253 antibody	Function: Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG (PubMed:26457518, PubMed:10549288). Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis. Subunit Structure: Homotrimer (PubMed:26457518). One TNFSF10 homotrimer interacts with three TNFSF10A mononers (PubMed:26457518). One TNFSF10 homotrimer interacts with three TNFSF10B mononers (PubMed:10549288). Post-translational Modifications: Tyrosine phosphorylated by PKDCC/VLK. Similarity: Belongs to the tumor necrosis factor family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	300193032
NCBI GeneID	8743
NCBI Accession #	NP_001177871.1
NCBI GenBank Nucleotide #	NM_001190942.1
UniProt Accession #	P50591; A1Y9B3
Molecular Weight	Observed: 32 kDa Predicted: 33 kDa
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 10 isoform 2
NCBI Official Synonym Full Names	TNF superfamily member 10
NCBI Official Symbol	TNFSF10
NCBI Official Synonym Symbols	TL2; APO2L; CD253; TRAIL; Apo-2L; TNLG6A
NCBI Protein Information	tumor necrosis factor ligand superfamily member 10
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 10
UniProt Gene Name	**TNFSF10**
UniProt Synonym Gene Names	APO2L; TRAIL; Apo-2L; Protein TRAIL

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://stage.aaabiotech.com/polyclonal/cd253-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321937