

CD137 Recombinant Antibody | TNFRSF9 recombinant antibody

Rabbit anti-CD137 Recombinant Monoclonal Antibody [BLR051F]

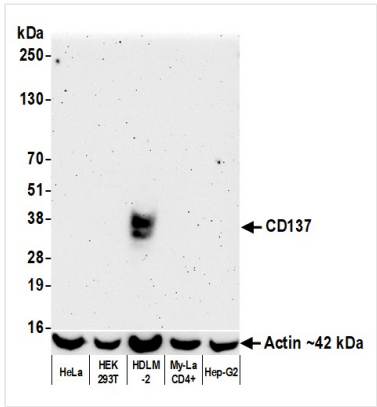
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213549	Rabbit	Human	Flow Cytometry, Functional Assay, Immunocytochemistry, Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CD137; Monoclonal Recombinant Antibody; Rabbit anti-CD137 Recombinant Monoclonal Antibody [BLR051F]; ILA; interleukin-activated receptor; homolog of mouse Ly63; tumor necrosis factor receptor superfamily member 9; T-cell antigen ILA; T-cell antigen 4-1BB homolog; receptor protein 4-1BB; induced by lymphocyte activation (ILA); CDw137; 4-1BB; CD137 antigen; T cell antigen ILA; CD antigen CD137; 4-1BB ligand receptor; homolog of mouse 4-1BB; Tumor necrosis factor receptor superfamily member 9; TNF receptor superfamily member 9; TNFRSF9 recombinant antibody

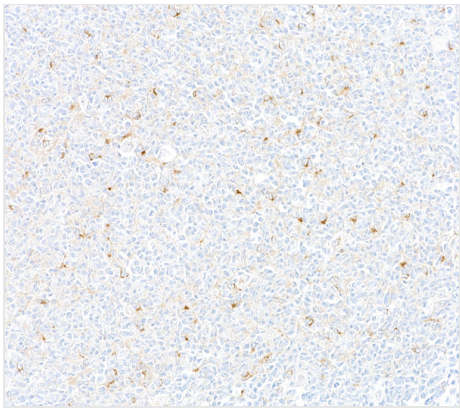
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR051F
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA-Free
Concentration	1000ug/ml (varies by lot)
Applicable Applications for TNFRSF9 recombinant antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Residues 24-189 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



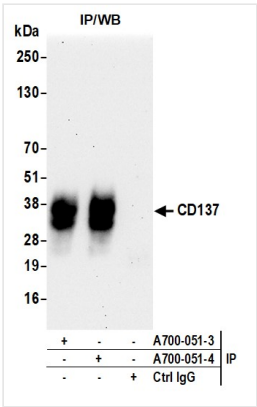
WB (Western Blot)

Detection of human CD137 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, HDLM-2, My-La CD4+, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD137 recombinant monoclonal antibody (AAA213549 lot 4) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



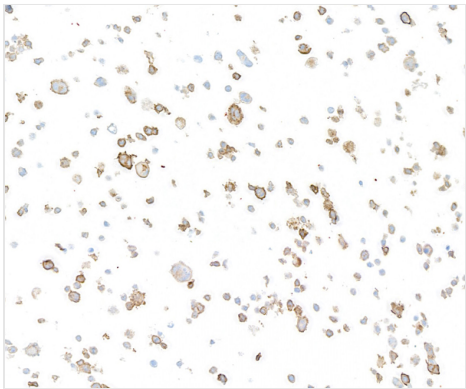
IHC (Immunohistochemistry)

Detection of human CD137 in FFPE tonsil by IHC. Antibody: Rabbit anti-CD137 recombinant monoclonal antibody (AAA213549). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



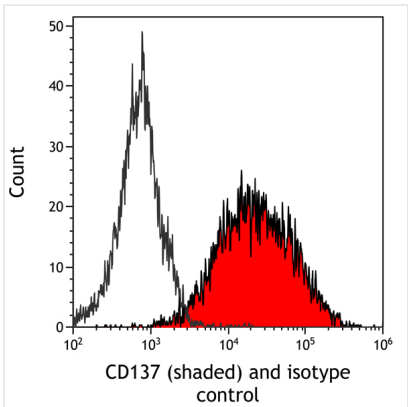
IP (Immunoprecipitation)

Detection of human CD137 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HDLM-2 cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-CD137 recombinant monoclonal antibody (AAA213549 lot 4) used for IP at 6 ul/mg lysate. CD137 was also immunoprecipitated by a previous lot of this antibody (AAA213549 lot 3). For blotting immunoprecipitated CD137, AAA213549 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 30 seconds.



ICC (Immunocytochemistry)

Detection of human CD137 in FFPE HDLM-2 by ICC. Antibody: Rabbit anti-CD137 recombinant monoclonal antibody (AAA213549). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



FCM/FACS (Flow Cytometry)

Detection of human CD137 (shaded) in HDLM-2 cells by flow cytometry. Antibody: Rabbit anti-CD137 recombinant monoclonal antibody (AAA213549) or isotype control (unshaded). Secondary: DyLight 488-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for TNFRSF9 recombinant antibody	CD137 is a member of the TNF-receptor superfamily; it is a receptor that contributes to the clonal expansion, survival, and development of T cells. CD137 can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. [provided by RefSeq, Jul 2008] [taken from NCBI Entrez Gene (Gene ID: 3604)].
Product Categories/Family for TNFRSF9 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5730095
NCBI GeneID	3604
NCBI Accession #	NP_001552.2
NCBI GenBank Nucleotide #	NM_001561.5
UniProt Accession #	Q07011; AAB34924
Molecular Weight	27,899 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 9
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 9
NCBI Official Symbol	TNFRSF9
NCBI Official Synonym Symbols	ILA; 4-1BB; CD137; CDw137
NCBI Protein Information	tumor necrosis factor receptor superfamily member 9; CD137 antigen; T cell antigen ILA; T-cell antigen ILA; 4-1BB ligand receptor; homolog of mouse 4-1BB; receptor protein 4-1BB; T-cell antigen 4-1BB homolog; induced by lymphocyte activation (ILA); interl
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 9
UniProt Gene Name	TNFRSF9
UniProt Synonym Gene Names	CD137; ILA
UniProt Entry Name	TNR9_HUMAN

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/monoclonal/cd137-recombinant-antibody-clone-blr051f-flow-cytometry-immunocytochemistry-immunohistochemistry-immunoprecipitation-western-blot-elisa/213549>