

GITR/TNFRSF18 recombinant antibody

Rabbit anti-GITR/TNFRSF18 Recombinant Monoclonal Antibody [BLR068G]

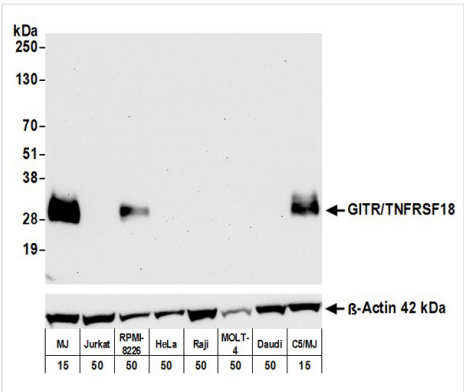
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23817	Rabbit	Human	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

GITR/TNFRSF18; Monoclonal Recombinant Antibody; Rabbit anti-GITR/TNFRSF18 Recombinant Monoclonal Antibody [BLR068G]; GITR-D; tumor necrosis factor receptor superfamily member 18; activation-inducible TNFR family receptor; glucocorticoid-induced TNFR-related protein; GITR; CD357; CD antigen CD357; AITR; TNF receptor superfamily activation-inducible protein; Tumor necrosis factor receptor superfamily member 18; TNF receptor superfamily member 18; GITR/TNFRSF18 recombinant antibody

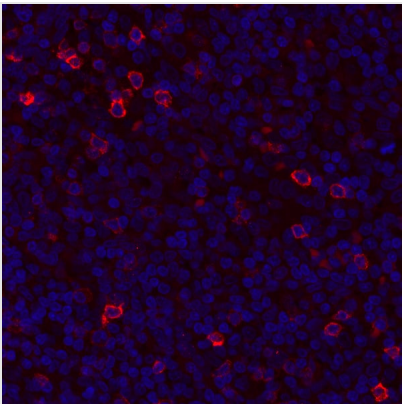
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR068G
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 GITR/TNFRSF18 recombinant antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000 IP: 6 ul/mg lysate IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections. IHC-IF: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. FC/FACS: Fixed and permeabilized cells were stained with 0.2 ul per 1 x 10 ⁶ cells.
Immunogen	Between 191 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



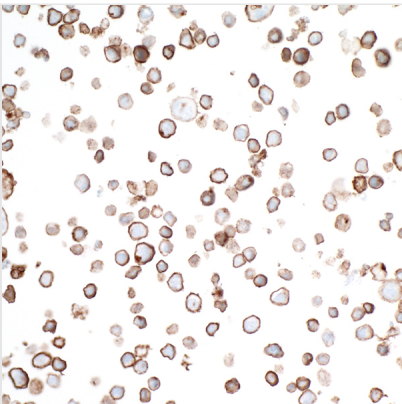
WB (Western Blot)

Detection of human GITR/TNFRSF18 by western blot. Samples: Whole cell lysate (15 or 50 ug) from MJ, Jurkat, RPMI-8226, HeLa, Raji, MOLT-4, Daudi, and C5/MJ cells prepared using NETN lysis buffer. Antibody: Rabbit anti-GITR/TNFRSF18 recombinant monoclonal antibody (AAA23817 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-beta-Actin recombinant monoclonal antibody .



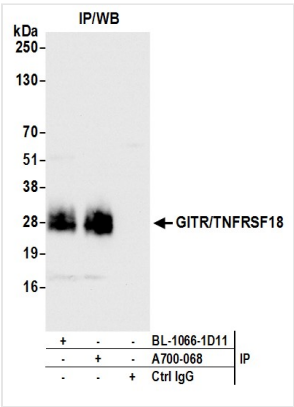
IHC (Immunohistochemistry)

Detection of human GITR/TNFRSF18 by immunohistochemistry. Sample: FFPE section of human tonsil. Antibody: Rabbit anti-GITR/TNFRSF18 recombinant monoclonal antibody (AAA23817 lot 1) used at 1:200. Secondary: DyLight 594-conjugated goat anti-rabbit IgG . Counterstain: DAPI (blue).



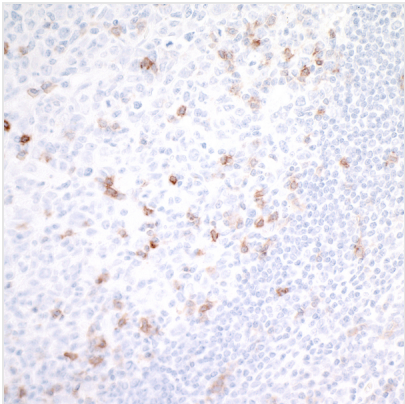
ICC (Immunocytochemistry)

Detection of human GITR/TNFRSF18 by immunocytochemistry. Sample: FFPE section of RPMI-8226 cells. Antibody: Rabbit anti-GITR/TNFRSF18 recombinant monoclonal antibody (AAA23817 lot 1) used at 1:125. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



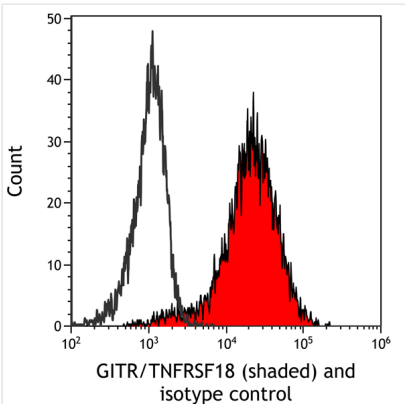
IP (Immunoprecipitation)

Detection of human GITR/TNFRSF18 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from MJ cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-GITR/TNFRSF18 recombinant monoclonal antibody (AAA23817 lot 1) used for IP at 6 ul per reaction. GITR/TNFRSF18 was also immunoprecipitated by rabbit anti-GITR/TNFRSF18 recombinant monoclonal antibody [BL-1066-1D11]. For blotting immunoprecipitated GITR/TNFRSF18, AAA23817 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human GITR/TNFRSF18 by immunohistochemistry. Sample: FFPE section of tonsil. Antibody: Rabbit anti-GITR/TNFRSF18 recombinant monoclonal antibody (AAA23817 lot 1) used at 1:125. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



FCM (Flow Cytometry)

Detection of human GITR/TNFRSF18 (shaded) in MJ[G11] cells by flow cytometry. Antibody: Rabbit anti-GITR/TNFRSF18 recombinant monoclonal (AAA23817 lot 1) or isotype control (unshaded). Secondary: DyLight 488-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for GITR/TNFRSF18 recombinant antibody	GITR/TNFRSF18 is a member of the TNF-receptor superfamily. It has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by regulatory T cells. GITR/TNFRSF18 also plays a role in the regulation of CD3-driven T-cell activation and programmed cell death. [provided by RefSeq, Feb 2011] [taken from NCBI Entrez Gene (Gene ID: 8784)].
Product Categories/Family for GITR/TNFRSF18 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759246
NCBI GeneID	8784
NCBI Accession #	NP_004186.1
NCBI GenBank Nucleotide #	NM_004195.2
UniProt Accession #	Q9Y5U5; O95851; Q5U0I4; Q9NYJ9; B1AME1
Molecular Weight	25,110 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 18 isoform 1
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily member 18
NCBI Official Symbol	TNFRSF18
NCBI Official Synonym Symbols	AITR; GITR; CD357; GITR-D
NCBI Protein Information	tumor necrosis factor receptor superfamily member 18
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 18
UniProt Gene Name	TNFRSF18
UniProt Synonym Gene Names	AITR; GITR
UniProt Entry Name	TNR18_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/gitr-tnfrsf18-recombinant-antibody-clone-blr068g-western-blot-immunoprecipitation-immunohistochemistry-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/23817>