

Humanized anti-Human NKG2D Antibody | anti-NKG2D antibody

Anti-NKG2D (5C5 biosimilar, L234A/L235A) mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129436	Humanized	Human	Flow Cytometry, Functional Assay, ELISA

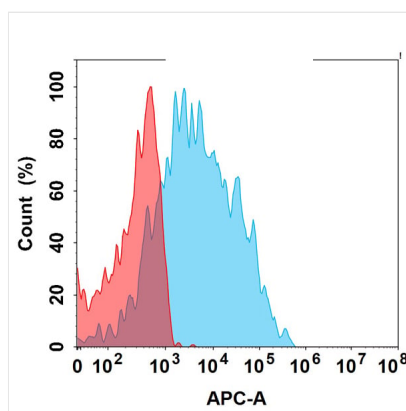
PRODUCT SYNONYMS

NKG2D; Anti-NKG2D (5C5 biosimilar; L234A/L235A) mAb; CD314; KLRK1; NK cell receptor D; 5C5; anti-NKG2D antibody

PRODUCT SPECIFICATIONS

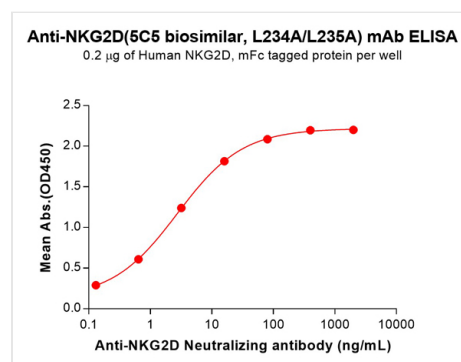
Host	Humanized
Reactivity	Human
Isotype	IgG1
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Applicable Applications for anti-NKG2D antibody	FCM/FACS (Flow Cytometry), ELISA
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 2. Flow cytometry analysis with 1ug/mL Anti-NKG2D(5C5 biosimilar, L234A/L235A) mAb (AAA129436) on Expi293 cells transfected with Human NKG2D and DAP10 protein (Blue histogram) or Expi293 transfected with Human DAP10 protein (Red histogram).



ELISA

Figure 1. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human NKG2D Protein, mFc Tag can bind Anti-NKG2D(5C5 biosimilar, L234A/L235A) mAb (AAA129436) in a linear range of 0.13–16 ng/mL.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NKG2D antibody	Biosimilar reference antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	315221164
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NCBI GeneID	100528032
NCBI Accession #	NP_001186734.1
NCBI GenBank Nucleotide #	NM_001199805.1
UniProt Accession #	P26718; Q9NR41; A8K7K5; A8K7P4
Molecular Weight	25,274 Da
NCBI Official Full Name	NKG2-D type II integral membrane protein
NCBI Official Symbol	KLRC4-KLRK1
NCBI Protein Information	NKG2-D type II integral membrane protein; NK cell receptor D; NKG2-D-activating NK receptor; killer cell lectin-like receptor subfamily K member 1
UniProt Protein Name	NKG2-D type II integral membrane protein
UniProt Gene Name	KLRK1
UniProt Synonym Gene Names	D12S2489E; NKG2D
UniProt Entry Name	NKG2D_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://www.aaabiotech.com/humanized-human-antibody/nkg2d/129436>