



Rabbit Anti-CD160 antibody

SL2526R

Product Name:	CD160
Chinese Name:	NK细胞受体BY55抗体
Alias:	By55; Natural killer cell receptor BY55; BY55; CD160 antigen [Precursor]; CD160 molecule; FLJ46513; Natural killer cell receptor BY55; NK1; NK28; BY55_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,
Applications:	ELISA=1:500-1000Flow-Cyt=1µg/Test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	14.7kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CD160:81-159/181
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	CD160 is an 27 kDa glycoprotein which was initially identified with the monoclonal antibody BY55. Its expression is tightly associated with peripheral blood NK cells and CD8 T lymphocytes with cytolytic effector activity. The cDNA sequence of CD160 predicts a cysteine-rich, glycosylphosphatidylinositol-anchored protein of 181 amino acids with a single Ig-like domain weakly homologous to KIR2DL4 molecule. CD160 is expressed at the cell surface as a tightly disulfide-linked multimer. RNA blot analysis revealed CD160 mRNAs of 1.5 and 1.6 kb whose expression was highly restricted to

circulating NK and T cells, spleen and small intestine. Within NK cells CD160 is expressed by CD56dimCD16+ cells whereas among circulating T cells its expression is mainly restricted to TCRgd bearing cells and to TCRab+CD8brightCD95+CD56+CD28-CD27-cells. In tissues, CD160 is expressed on all intestinal intraepithelial lymphocytes. CD160 shows a broad specificity for binding to both classical and nonclassical MHC class I molecules. [provided by RefSeq, Jul 2008]

Function:

Receptor showing broad specificity for both classical and non-classical MHC class I molecules.

Subunit:

Homomultimer; disulfide-linked.

Subcellular Location:

Cell membrane; Lipid-anchor, GPI-anchor.

Tissue Specificity:

Expressed in spleen, peripheral blood, and small intestine. Expression is restricted to functional NK and T cytotoxic lymphocytes.

Similarity:

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

SWISS:

O95971

Gene ID:

11126

Database links:

[Entrez Gene: 11126](#)Human

[Omin: 604463](#)Human

[SwissProt: O95971](#)Human

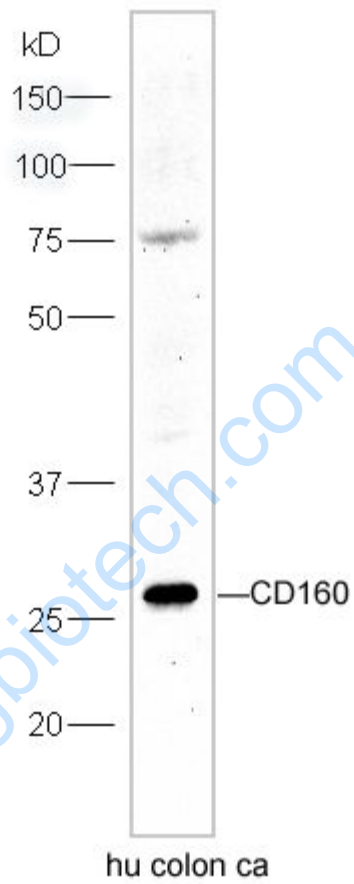
[Unigene: 488237](#)Human

[Unigene: 740780](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



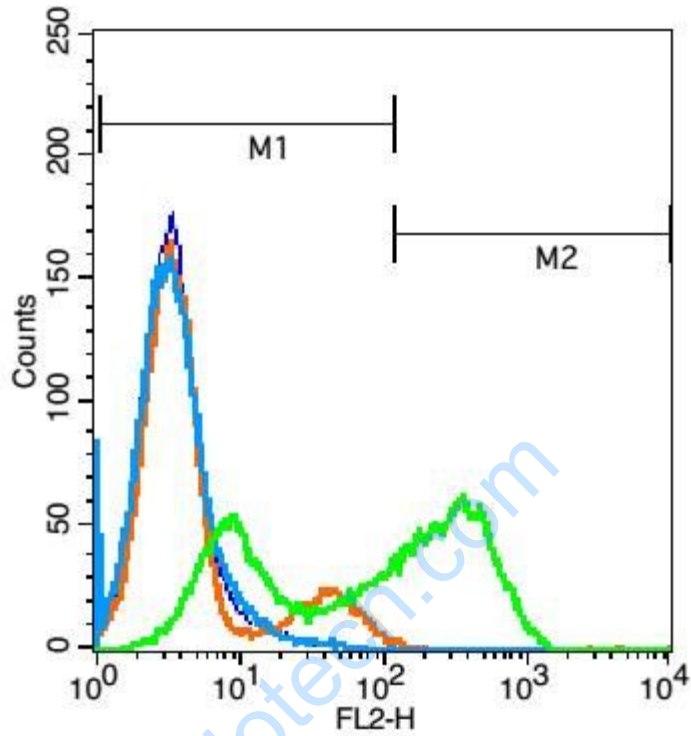
Sample: Colon carcinoma(Human) lysate at 30ug;

Primary: Anti-CD160 (SL2526R) at 1:300 dilution;

Secondary: HRP conjugated Goat Anti-Rabbit IgG(SL2526R) at 1: 5000 dilution;

Predicted band size : 14.7kD

Observed band size : 27kD



Blank control(blue): Jurkat cells(fixed with 2% paraformaldehyde (10 min)).

Primary Antibody:Rabbit Anti- CD160 antibody(SL2526R), Dilution: 1 μ g in 100 μ L
1X PBS containing 0.5% BSA;

Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions);

Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X
PBS containing 0.5% BSA.