Cat. No. DMC100270P



## **PRODUCT INFORMATION**

Clone ID **DMC270 Target** CD160

**Synonyms** BY55; NK1; NK28

**Host Species** Rabbit

PE-conjugated Anti-CD160 antibody(DMC270); Description

IgG1 Chimeric mAb

**Delivery** Under Development

**Uniprot ID** 095971

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Flow Cyt 1:100 **Dilutions** 

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Formulation & Reconstitution

**Background** 

Conjugate

Liquid PBS with 0.05% Proclin300, 1% BSA

Storage & Shipping Store at 2°C-8°C for 6 months

> 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 CDNA with cytolytic effector activity. The cDNA

> sequence of CD160 predicts a cysteine-rich; glycosylphosphatidylinositol-anchored protein of 181 amino acids with a single lg-like domain weakly homologous to KIR2DL4 molecule. CD160 is expressed at the cell surface as a tightly. 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 CD86rGhtCD95 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.

**Usage** Research use only

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under

patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are **DIMA Disclaimer** 

PE-conjugated

actively scrutinizing all patent application to

Email: info@dimabio.com Website: www.dimabio.com

ensure no IP infringement.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China)

/+86-400-006-0995(China)

