CD160 (DMC270) IGG1 CHIMERIC MAB

: 28178

: CD160(DMC270) IgG1 Chimeric Monoclonal Antibody

: BY55; NK1; NK28

: CD160 antibody(DMC270) IgG1 Chimeric Monoclonal Antibody

: 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.

: Flow Cyt

Flow Cyt 1:100

: Rabbit

: Rabbit:Human Fc chimeric IgG1

: Purified from cell culture supernatant by affinity chromatography

: Human CD160

: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

: Store at -20ºC to -80ºC for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80ºC (Avoid repeated freezing and thawing).
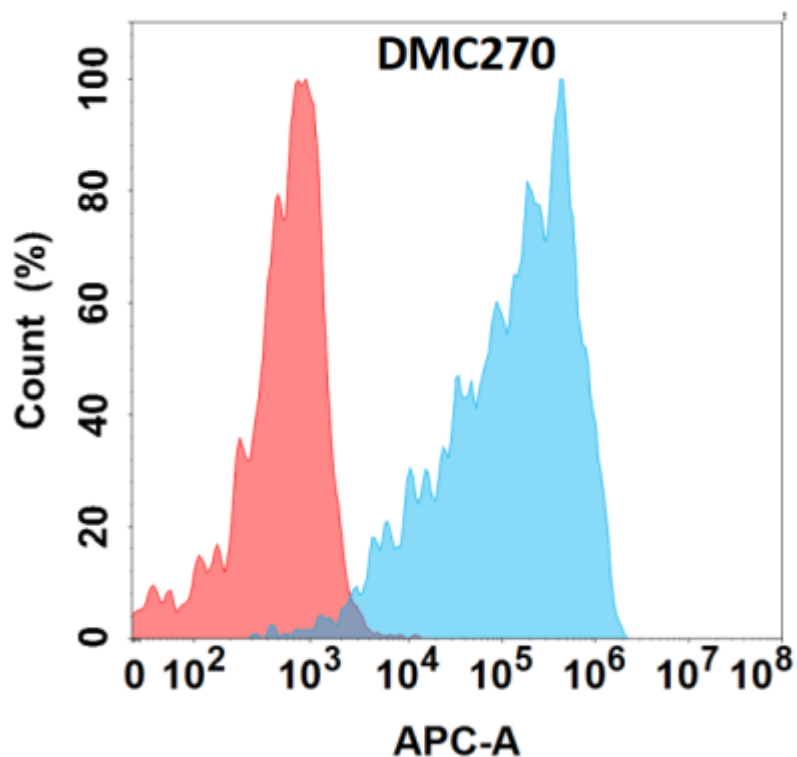
Figure 1. Flow cytometry analysis with CD160 (DMC270) on Expi293 cells transfected with human CD160 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).