



Datasheet for ABIN1112255
CD160 (human): 293T Lysate



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Overview

Quantity:	100 µg
Target:	CD160
Species of Lysate:	Human Cells
Application:	Western Blotting (WB)

Product Details

Characteristics: 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. Lysate of human CD160 transfected 293T cells

Lysate Fraction:	Whole Cell Lysate
Lysate Type:	Overexpression Lysate
Lysed Cells:	HEK 293T Cells

Target Details

Target: CD160

Alternative Name: CD160 ([CD160 Products](#))

Application Details

Application Notes: CD160 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive CD160 antibodies. Recommended use: 10-20 µl per lane. Control 293T Lysate: 293LYS is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

Restrictions: For Research Use only

Handling

Handling Advice: Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

Storage: -20 °C

Publications

Product cited in: Lang, Schulte, Goddard, Hedrick, Schulte, Wei, Schmiedt: "Transplantation of mouse embryonic stem cells into the cochlea of an auditory-neuropathy animal model: effects of timing after injury." in: **Journal of the Association for Research in Otolaryngology : JARO**, Vol. 9, Issue 2, pp. 225-40, (2008) ([PubMed](#)).

Lang, Ebihara, Schmiedt, Minamiguchi, Zhou, Smythe, Liu, Ogawa, Schulte: "Contribution of bone marrow hematopoietic stem cells to adult mouse inner ear: mesenchymal cells and fibrocytes." in: **The Journal of comparative neurology**, Vol. 496, Issue 2, pp. 187-201, (2006) ([PubMed](#)).



Western blot analysis of CD160 expression in human CD160 transfected: H160LYS (1, 2, 3) and non-transfected: 293LYS (4) 293T whole cell lysates.

1. H160LYS Sample 10 μ l
2. H160LYS Sample 15 μ l
3. H160LYS Sample 20 μ l
4. 293LYS Sample

Image 1.