



CD160 Monoclonal Antibody

BYmab-13882
IgG
Human;Rat;Mouse;
WB
CD160
CD160 antigen
The antiserum was produced against synthesized peptide derived from human CD160. AA range:21-70
CD160 Monoclonal Antibody detects endogenous levels of CD160 protein.
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Monoclonal, Mouse,IgG
The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
WB 1:500-2000
1 mg/ml
≥90%
-20°C/1 year
CD160; BY55; CD160 antigen; Natural killer cell receptor BY55; CD antigen CD160
17kD
[CD160 antigen]: Cell membrane ; Lipid-anchor, GPI-anchor .; [CD160 antigen, soluble form]: Secreted. Released from the cell membrane by GPI cleavage
Expression is restricted to functional NK and cytotoxic T lymphocytes. Expressed in viral-specific effector memory and terminally differentiated effector memory CD8+ T cells. Expressed in memory and activated CD4+ T cell subsets (at protein level) (PubMed:9743336, PubMed:18193050, PubMed:11978774, PubMed:25255144). Expressed at high levels in intraepithelial lymphocytes (at protein level) (PubMed:9743336). Expressed in both alpha-beta and gamma-delta CD8+ T cell subsets (at protein level) (PubMed:9743336, PubMed:18193050, PubMed:11978774). Expressed in umbilical vein endothelial cells (at protein level) (PubMed:16809620). Expressed in monocytes and at lower levels in B cells (PubMed:23761635). Isoform 3: Expressed exclusively in activated NK cells (at protein level) (PubMed:19109136).

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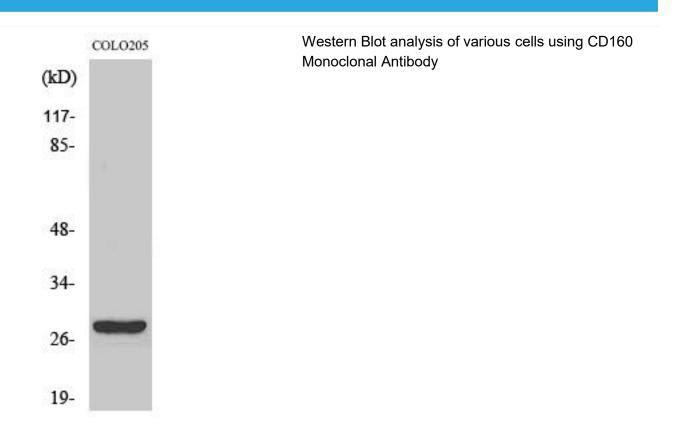


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Function	function:Receptor showing broad specificity for both classical and non-classical MHC class I molecules.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Homomultimer; disulfide-linked.,tissue specificity:Expressed in spleen, peripheral blood, and small intestine. Expression is restricted to functional NK and T cytotoxic lymphocytes.,
Background	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 lg-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. C
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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