

产品名称: CD160 Rabbit Polyclonal Antibody
产品货号: APRab08236



产品概述 (Summary)

产品名称 (Production Name)	CD160 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CD160
别名 (Alternative Names)	CD160; BY55; CD160 antigen; Natural killer cell receptor BY55; CD antigen CD160
基因 ID (Gene ID)	11126.0
蛋白 ID (SwissProt ID)	O95971. The antiserum was produced against synthesized peptide derived from human CD160. AA range: 21-70

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	17kDa

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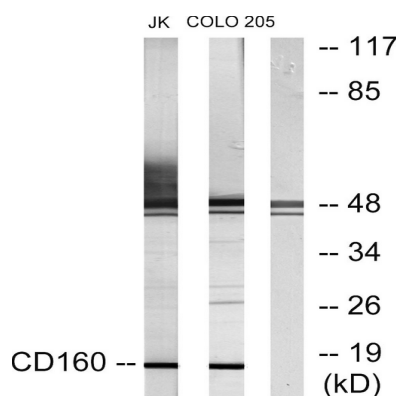


研究背景 (Background)

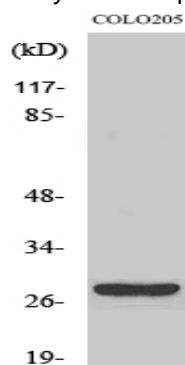
CD160 is an 27 kDa glycoprotein which was initially identified with the monoclonal antibody BY55. Its expression is tightly associated with peripheral blood NK cells and CD8 T lymphocytes with cytolytic effector activity. The cDNA sequence of CD160 predicts a cysteine-rich, glycosylphosphatidylinositol-anchored protein of 181 amino acids with a single 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. Cfunction: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.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from Jurkat and COLO205 cells, using CD160 Antibody. The lane on the right is blocked with the synthesized peptide.



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Western Blot analysis of various cells using CD160 Polyclonal Antibody

注意事项 (Note)

For research use only .