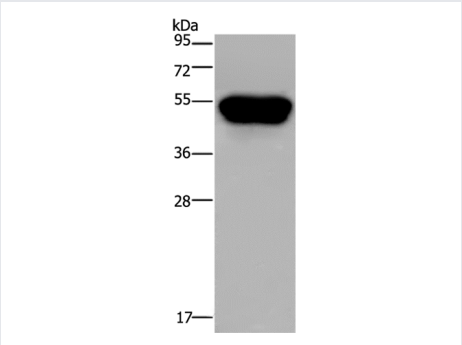
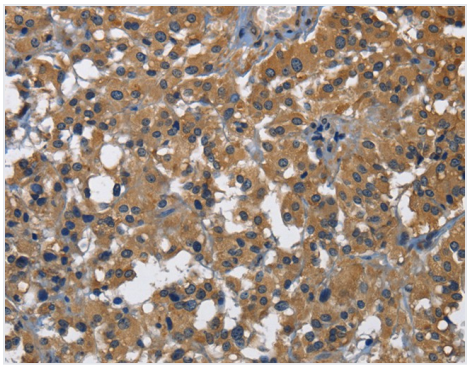
CD160 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

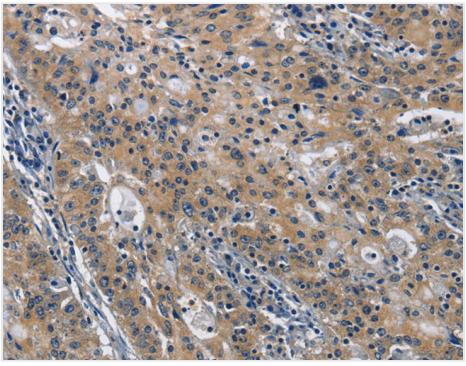
Product Name	CD160, Polyclonal Antibody
Full Product Name	CD160 Polyclonal Antibody
Product Gene Name	anti-CD160 antibody
Product Synonym Names	NK1; BY55; NK28
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Antigen affinity purification
Concentration	1.5mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.
Molecular Weight	19,810 Da
OMIM	604463
Immunogen	Recombinant protein of human CD160
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CD160 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CD160 antibody	WB: 1:500-1:2000 IHC: 1:25-1:100
Related Product Information for anti-CD160 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.
Other Notes	Small volumes of anti-CD160 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD160 purchase	MBS2520083 is an antibody targeting CD160. Also known as CD160 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-CD160 antibody
Western Blot analysis of Hela cell using CD160 Polyclonal Antibody at dilution of 1:250



Immunohistochemistry (IHC) of anti-CD160 antibody
Immunohistochemistry of paraffin-embedded Human thyroid cancer using CD160 Polyclonal Antibody at dilution of 1:30



Immunohistochemistry (IHC) of anti-CD160 antibody
Immunohistochemistry of paraffin-embedded Human gastric cancer using CD160 Polyclonal Antibody at dilution of 1:30

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD160. It may not necessarily be applicable to this product.

NCBI GI #	5901910
NCBI GeneID	11126
NCBI Accession #	NP_008984.1
UniProt Related Accession #	O95971
GenBank Nucleotide #	NM_007053.3
NCBI Official Full Name	CD160 antigen
NCBI Official Synonym Full Names	CD160 molecule
NCBI Official Symbol	CD160
NCBI Official Synonym Symbols	NK1; BY55; NK28
UniProt Protein Name	CD160 antigen
UniProt Synonym Protein Names	Natural killer cell receptor BY55; CD_antigen: CD160
Protein Family	CD160 antigen
UniProt Gene Name	CD160
UniProt Synonym Gene Names	BY55
UniProt Entry Name	BY55_HUMAN

NCBI Protein Information	CD160 antigen; CD160 transmembrane isoform; CD160-delta Ig; natural killer cell receptor BY55; natural killer cell receptor, immunoglobulin superfamily member
NCBI Summary for CD160	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. [provided by RefSeq, Jul 2008]
UniProt Comments for CD160	Receptor showing broad specificity for both classical and non-classical MHC class I molecules.
Research Articles on CD160	**1.** CD160 and PD-1 co-expression on HIV-specific CD8 T cells defines a subset with advanced dysfunction.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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