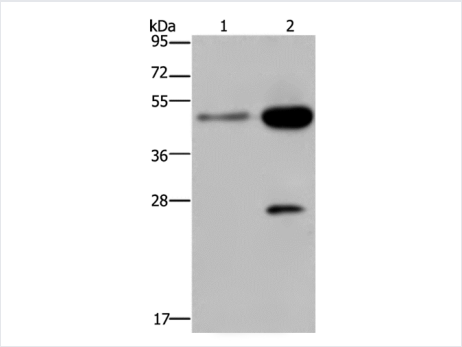
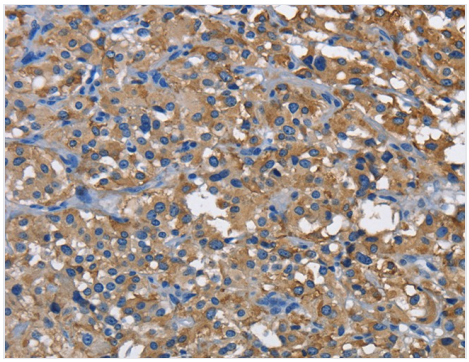
# CD160 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

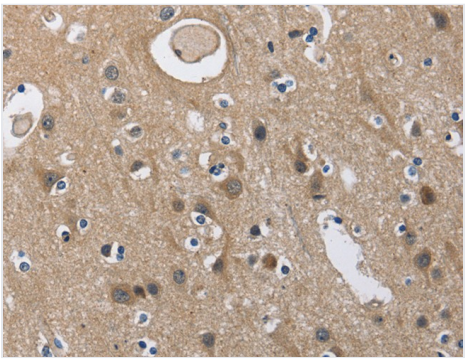
| | |
|---|---|
| **Product Name** | CD160, Polyclonal Antibody |
| **Full Product Name** | CD160 Polyclonal Antibody |
| **Product Gene Name** | anti-CD160 antibody |
| **Product Synonym Names** | NK1; BY55; NK28 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse, Rat |
| **Purity/Purification** | Antigen affinity purification |
| **Concentration** | 2.5mg/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<br>IHC: 1:50-1:200 |
| **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** | MBS2524914 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 231 and Hela cell using CD160 Polyclonal Antibody at dilution of 1:300



**Immunohistochemistry (IHC) of anti-CD160 antibody**
Immunohistochemistry of paraffin-embedded Human thyroid cancer using CD160 Polyclonal Antibody at dilution of 1:60



**Immunohistochemistry (IHC) of anti-CD160 antibody**
Immunohistochemistry of paraffin-embedded Human brain using CD160 Polyclonal Antibody at dilution of 1:60

## ADDITIONAL DETAILS

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

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|---|---|
| **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. |
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