

## Product datasheet for **AM26770PU-N**

### CD160 Mouse Monoclonal Antibody [Clone ID: BY55]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	BY55
Applications:	FC, IP
Recommended Dilution:	Flow cytometry. Immunoprecipitation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Human NK cell line YT2C2
Specificity:	This antibody recognizes CD160, a 27 kDa glycoprotein expressed on NK cells, NK-T cells, intestinal intraepithelial lymphocytes, TCR-gamma/delta T cells and a small population of TCR-alpha/beta T cells. The antibody detects both GPI-anchored and transmembrane form of CD160.
Formulation:	Tris buffered saline (TBS) State: Purified State: Liquid Ig fraction Preservative: 15 mM sodium azide, approx. pH 8.0
Concentration:	lot specific
Purification:	Ion exchange chromatography (> 95% pure by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	CD160 molecule
Database Link:	<a href="#">Entrez Gene 11126 Human O95971</a>



[View online »](#)

**Background:**

CD160 is a cell surface glycoprotein of immunoglobulin superfamily, which functions as a costimulatory receptor expressed mainly on cytotoxic cell populations and recognizing both classical and non-classical MHC class I molecules. It can form disulfide-linked multimers. Down-modulation of CD160 occurs as a consequence of its proteolytic cleavage and the released soluble form was found to impair the MHC-class I specific cytotoxicity of CD8+ T lymphocytes and NK cells. In contrast to GPI-anchored isoform with broader expression among CD160 positive cells, expression of the transmembrane isoform is restricted to NK cells and is activation-dependent.

**Synonyms:**

BY55