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Product datasheet for AM26770RP-N

CD160 Mouse Monoclonal Antibody [Clone ID: BY55]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BY55
Applications:	FC
Recommended Dilution:	**Flow Cytometry analysis** of human blood cells using 10 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
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) Label: PE State: Liquid purified Ig fraction Stabilizer: 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) Preservative: 15 mM sodium azide Label: Conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. **DO NOT FREEZE!** This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD160 molecule

View online »

Database Link: Entrez Gene 11126 Human
O95971

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