

Product datasheet for **AM31887BT-N**

CD160 Rat Monoclonal Antibody [Clone ID: CNX46-3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CNX46-3
Applications:	FC, WB
Recommended Dilution:	Western Blot. Flow Cytometry. <u>TEST RESULTS:</u> Tissue Distribution by Flow Cytometry Analysis: Mouse Strain: C57/BL6 Cell Concentration: 1x10e6 cells per tests Antibody Concentration Used: 0.2 µg/10e6 cells Isotypic Control: FITC Rat IgG2b
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This mouse CD160 monoclonal antibody (clone CNX46-3) detects a GPI-anchored homodimer consisting of ~20 kDa chains.
Formulation:	PBS containing 0.02% sodium azide (NaN ₃) as preservative and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/mL. Label: Biotin State: Liquid purified Ig fraction
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD160 antigen
Database Link:	<u>Entrez Gene 54215 Mouse</u> <u>O88875</u>



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Background:	Mouse CD160 is expressed on NK, NKT and TCR $\gamma\delta$ T cells as well as intestinal intraepithelial T lymphocytes. CD160 is also expressed on activated CD8+ cells and these cells release soluble CD160. CD160 has been shown to bind a wide range of classical and non classical MHC class I (including CD1d) and regulate NK cell activity /cytokine production. The expression profiles of CD160 in the mouse and human are essentially the same.
Synonyms:	BY55