

Monoclonal Anti-Mouse CD100, Clone U54.R.mCD100.14, Subclone 89 (produced *in vitro*)

Catalog No. NR-3897

Product Description: Antibody Class: IgG1κ

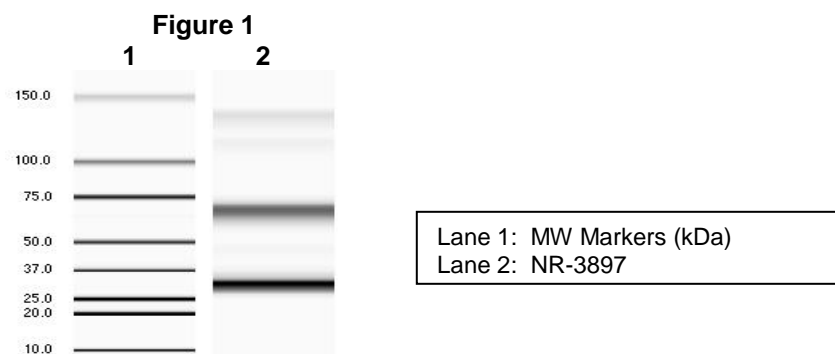
Monoclonal antibody to mouse CD100 was purified from a B cell hybridoma using protein G affinity chromatography. The B cell hybridoma was generated by the fusion of myeloma cells with immunized rat splenocytes.

Lot: 7761102

Manufacturing Date: 13AUG2007

| TEST | SPECIFICATIONS | RESULTS |
|---|--|--|
| Antibody Class | Report results | IgG1κ |
| Experion Pro260 Analysis | Correct molecular weight (MW) for heavy and light chains Report results | Correct MW for heavy and light chains (see Figure 1) 92.6% pure |
| Concentration by Spectrophotometer at OD ₂₈₀ | 1.0 mg/mL ± 7% | 1.0 mg/mL |
| Functional Activity by ELISA ¹ mCD100 | Reactive | Reactive |
| Sterility (14-days; USP30/NF25) Thioglycolate Medium Soybean Casein Digest Medium | No turbidity No turbidity | No turbidity No turbidity |

¹Antigen at 10 µg/mL; NR-3897 at 10 µg/mL



Date: 01 MAY 2014

Signature:

Dorothy C. Young

Title:

Technical Manager, BEI Authentication or designee

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