

Hybridoma 273 Anti-Murine Leukemia Virus (MuLV) gp 70

Catalog No. HRP-20066

Product Description:

HRP-20066 is a hybridoma cell line (C57BL/10 × P3-NS-1-Ag4/1) that produces monoclonal antibodies specific for ecotropic Friend, Rauscher and Moloney murine leukemia virus (MuLV gp70). HRP-20066 was produced by cultivation of BEI Resources seed lot 4/29/92 in Dulbecco's Modified Eagle's Medium (DMEM; ATCC® 30-2002™) supplemented with 10% Fetal Bovine Serum (FBS, embryonic stem cell qualified; ATCC® SCRR-30-2020™) and 1X Hybridoma Fusion and Cloning Supplement (HFCS, Roche 11363735001) at 37°C and 5% CO₂. It was vialled in 90% FBS supplemented with 10% dimethyl sulfoxide (DMSO).

Lot: 70057697

Manufacturing Date: 05MAR2023

TEST	SPECIFICATIONS	RESULTS
Morphology	Report results	Round
Antibody Class Determination¹	IgG2a	IgG2ak and IgG2bk
Total Cell Count²	> 1.0 × 10 ⁶ cells/vial	0.5 × 10 ⁶ cells/vial
Post-Freeze Viability	≥ 50%	63.2%
Sterility (BacT/ALERT® 3D Microbial Detection System) 14-day incubation of HRP-20066 iNST culture bottle, 32°C, anaerobic iAST culture bottle, 32°C, aerobic	No growth No growth	No growth No growth
Mycoplasma Contamination Hoechst DNA stain Agar and broth culture DNA detection by PCR of test article nucleic acid	None detected None detected None detected	None detected None detected None detected

¹HRP-20066 (previously ARP-1279) was deposited as an IgG2a monoclonal antibody producer. Note: Isotype retesting indicated the presence of mixed antibody isotypes.

²The lower cell count did not impact the establishment of hybridoma culture from frozen seed vial.

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