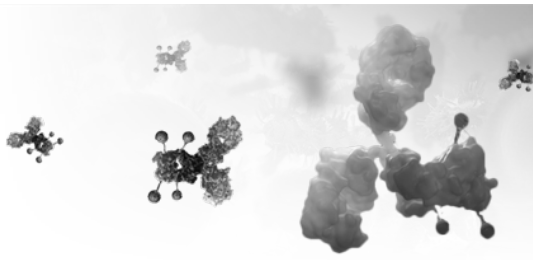

Mouse Anti-Virus EBV Hybridoma [83B2] (CSC-H1108)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This hybridoma produces mAbs (IgG1) against virus EBV
Immunogen	Disrupted fixed Epstein-Barr virus particles
Isotype	IgG1
Species	Microorganism
Clone	83B2
Storage	Liquid nitrogen vapor phase. Freezing medium: to complete growth medium, add 5%(v/v) DMSO
Ship	Dry Ice
Immunological Donor	Mouse spleen
Cell Line Description	Animals were immunized with disrupted fixed Epstein-Barr virus particles. Spleen cells were fused with P3X63Ag8.653 myeloma cells. The antibody reacts with the 350000/220000 dalton viral envelope glycoprotein. Tested and found negative for ectromelia virus (mousepox).
Myeloma	P3X63Ag8.653
Fusion Species	Mouse X Mouse Hybridoma
Growth Properties	Suspension

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Morphology	Lymphoblast
Propagation	Complete growth medium: 2 mM L-glutamine, 10 mM HEPES, 1 mM sodium pyruvate, 4500 mg/L glucose, and 1500 mg/L sodium bicarbonate, fetal bovine serum to a final concentration of 10%. Atmosphere: air, 95%; carbon dioxide (CO2), 5% Temperature: 37.0 centigr
Culture Medium	RPMI 1640 with 2 mM L-glutamine, 10 mM HEPES, 1 mM sodium pyruvate, 4500 mg/L glucose and 1500 mg/L sodium bicarbonate , supplemented with 10% FBS
Subculturing	Incubate cells at 37°C with 5% CO2 in air atmosphere, renew medium every 2-3 days, start cells at 2x10^5 cells/mL and maintain cultures between 1x10^5-1x10^6 cells/ml
Mycoplasma	Mycoplasma Status: Negative (MycoAlert Kit)
Cellular Products	Immunoglobulin: monoclonal antibody against Epstein-Barr virus (EBV)
Preservation	Freeze medium: Complete growth medium supplemented with 5% (v/v) DMSO
Safety Considerations	The following safety precautions should be observed. 1. Use pipette aids to prevent ingestion and keep aerosols down to a minimum. 2. No eating, drinking or smoking while handling the hybridoma. 3. Wash hands after handling the hybridoma and before leaving the lab. 4. Decontaminate work surface with disinfectant or 70% ethanol before and after working with hybridoma. 5. All waste should be considered hazardous. 6. Dispose of all liquid waste after each experiment and treat with bleach.

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