



Mouse Anti-Canine Lymphoma Cells Hybridoma [Hybridoma 345] (CSC-H0783)

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

PRODUCT INFORMATION

Product Overview	This hybridoma produces mAbs (IgG1) against Canine Lymphoma cells
Immunogen	Canine lymphoma cells
Isotype	IgG1
Species	Other Sources
Clone	Hybridoma 345
Storage	Liquid nitrogen vapor phase.
Ship	Dry Ice
Immunological Donor	Mouse spleen
Cell Line Description	Animals were immunized with canine lymphoma cells. Spleen cells were fused with P3X63Ag8.653 myeloma cells. The antibody reacts preferentially with canine monocytes, but also reacts with canine lymphocytes. It does not cross-react with human cells.
Myeloma	P3X63Ag8.653
Fusion Species	Mouse X Mouse Hybridoma
Growth Properties	Suspension
Morphology	Lymphoblast
Propagation	Complete growth medium: 4 mM L-glutamine, 4500 mg/L glucose, and 1500 mg/L sodium bicarbonate, fetal bovine serum to a final concentration of 10%.

Culture Medium	IMDM with 4 mM L-glutamine, 4500 mg/L glucose and 1500 mg/L sodium bicarbonate, supplemented with 10% FBS.
Subculturing	Incubate cells at 37°C with 5% CO ₂ 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 canine lymphoma cells
Preservation	Fetal bovine serum, 95%; DMSO, 5%
Safety Considerations	<p>The following safety precautions should be observed.</p> <ol style="list-style-type: none"> 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.