

Dog Peripheral Blood Mononuclear Cells (PBMC)

Catalogue No.: abx700236

Dog Peripheral Blood Mononuclear Cells (PBMC) are Suspension Dog Mononuclear cells from Dog Peripheral blood.

Target: Peripheral Blood Mononuclear Cells (PBMC)

Origin: Dog

Host: Dog

Biological Activity: Cell activity: > 85% (viability by Trypan Blue exclusion)

Purity: Negative for HIV-1, HBV, HCV, mycoplasma, bacteria, yeast and fungi.

Storage: Shipped at -70°C. Upon receipt, store in liquid nitrogen (-196°C). Avoid repeated freeze/thaw cycles.

Validity: 12 months.

Buffer: Contains 90% FBS and 10% DMSO.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.
This product is shipped with dry ice.

Directions for use: Recommended Cell Culture Conditions:

RPMI-1640 + 10% FBS + 1% Penicillin-Streptomycin Solution + Dog mononuclear cell growth supplement @ 37 °C, 95% air, 5% CO₂.

Cell Recovery: Thaw cells in a 37 °C water bath with shaking until the mixture has dissolved. Transfer to a centrifuge tube and add culture medium (see Recommended Cell Culture Conditions above) at a volume 3-5 times the volume of the cells. Centrifuge at 1000 RPM for 5 minutes and discard the supernatant. Transfer to a T25 flask for culture.

Suggested Cell Passage Procedure: Cells should be 85-95% confluent before cell passage is carried out.

1. Discard the medium and wash with PBS 1-2 times.
2. Add 1 ml of Trypsin at 37 °C, then observe the cells under a microscope.
3. When the cells appear retracted and rounded, gently tap the culture flask to detach the cells. Stop the trypsinization by adding 2 ml of culture medium containing 10% serum.
4. Add fresh medium to resuspend the cells. The recommended ratio of primary cells is 1/2. Pipette to obtain a single cell suspension.