

# HEMATOPOIETIC CELLS

**ADULT BLOOD** 

## Human Adult Peripheral Blood Mononuclear Cells (PBMC)

Abcell-bio offers peripheral blood mononuclear cells (PBMC) isolated from human adult blood using gradient density method.

PBMC include all blood cells with a single nucleus, such as lymphocytes, monocytes and stem cells. They are commonly used in research, particularly in the fields of immunology, oncology and pharmacology.





# **Product highlights**

- → Ready-to-use cells
- → Numerous packaging options Vials from 20.106 to 50.106 cells
- → Single donor
- → High cell viability
- → Number of viable cells guaranteed at thawing If thawing recommendations are respected
- → Xeno- and serum-free cryopreservation medium
- → Customization on request:
  - · Specific batch size
  - · Mixed donor
  - · Batch reservation

Non-exhaustive list which can be adapted to customer requirements.

Abcell-bio guarantees cell quality only if recommended protocol is respected. These cells are for research use only; not intended for medical, human or veterinary applications.



#### **Quality control**

Multiple quality controls are performed, certifying their virologic conformity and viability. Once isolated, the cells are frozen in the xeno- and serum-free cryopreservation medium. Virologic (HIV1/2, HBV, HCV) and mycoplasma detection tests are performed on all delivered batches. A full certificate of analysis is provided for each batch of PBMC ordered.



#### Precautions for use

Although testing for HIV, HBV and HCV contamination is negative, these products must be handled using Biosafety Level 2 conditions. Refer to the Safety Data Sheet for additional information.



### Storage recommendation

- → The cryovial containing the frozen cells is delivered in dry ice or liquid nitrogen.
- Upon reception, use immediately (see thawing protocol) or store at -150°C or in liquid nitrogen.
- → Storage at -80°C does not preserve cells and must not be used.
- Cells are guaranteed up to 12 months from the date of reception, if stored according to these recommendations

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