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[Home](#) > Human Peripheral Blood B Cells: HPBB

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- Description
- Details
- Products
- Resources
- Citations **NEW**

Instructions HPBB

5 Important Cell Culture Rules

MSDS Cryopreserved Cells

Cell Apps Flyer Cardiovascular Cells

Cell Apps Poster Primary Cells

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Description

Human Peripheral Blood B Cells (HPBB) provide a useful tool for studying various aspects of pathology and biology of human B lymphocytes *in vitro*. We isolate HPBB from the blood of healthy donors and cryopreserve them immediately after isolation. These are the antibody forming cells of the immune system and originate from pluripotent hematopoietic stem cells and differentiate in the fetal liver. In adults, B cells principally originate in the bone marrow. Newly generated, surface Ig-expressing mature B cells leave the bone marrow and circulate into peripheral lymphoid organs.



^[1]
(Click to Enlarge) **Human Peripheral Blood CD19+ B Cells: HPBB.** Antibody-producing lymphocytes.

Details

Tissue	Normal healthy human peripheral blood
QC	No bacteria, yeast, fungi, mycoplasma or virus
Character	CD19 positive selection
Cryovial	2,000,000 HPBB frozen right after isolation in DMEM w/ 45% FBS, 10% DMSO
Kit	Cryovial Frozen HPBB (6904-20a), Maintenance Medium (615-250)
Doublings	N/A - Blood cells don't proliferate in vitro
Applications	Laboratory research use only (RUO). Not for human, clinical, diagnostic or veterinary use.

Instructions HPBB

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