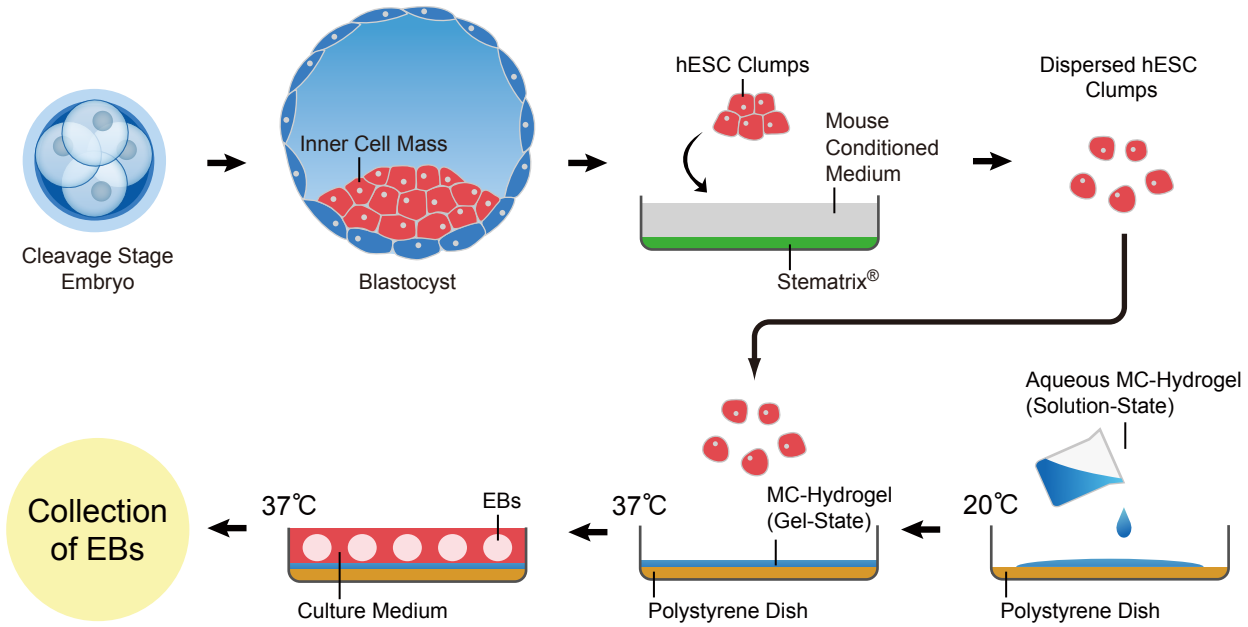
Abnova Stem Cell Collection

Stem Cell Collection

Abnova offers a collection of stem cell culture products for the study of human stem cells including MC-Hydrogel for cultivation and formation of embryoid bodies, Stemaxtrix® for feeder-independent cell proliferation, Mouse Conditioned Media for maintenance of cell growth, and Stem Cell Keeper™ as a vitrification solution for cell preservation. These products together with Abnova's extensive collection of stem cell related antibodies are ready to accelerate your research!



Stem Cell Product Portfolio

MC-Hydrogel (Catalog # U0018)

MC-Hydrogel is a thermo-sensitive, methylcellulose hydrogel for creating a low attachment surface for embryoid body or cell aggregate formation. This thermo-sensitive MC-Hygrogel exists as liquid form at room temperature (25-28°C) and semi-solid form at incubated temperature (37°C). MC-Hydrogel supports and promotes the formation of embryoid bodies while maintaining cell line bioactivity and size.

Stematrix® (Catalog # U0019)

Stematrix® is a human matrix derived from normal human fibroblast for feeder-independent human embryonic stem cell (hESC) induced plutipotent stem cell (iPSC), and human mesenchymal cell (hMSC) culture from bone marrow and cord blood. Stematrix® can increase the proliferation rate of the hMSC from bone marrow and cord blood while maintaining their undifferentiated status, especially after long-term culture. Stematrix® can be used in conjunction with Mouse Condition Media (Catalog # U0020).

Mouse Conditioned Media (Catalog # U0020)

Mouse conditioned media is for human embryonic stem cell (hESC) and induced pluripotent stem cell (iPSC) culture. This mouse embryonic fibroblast (MEF) conditioned media is prepared and modified according to the protocol published by Pick, M. et al. (1). Serum-free media [DMEM/F12 supplemented with 20% Knockout(TM) serum replacement, 0.1 mM beta-mercaptoethanol, 1 mM L-glutamine, 1% MEM non-essential amino acids, and 4 ng/mL basic fibroblast growth factor] is conditioned by inactivated-MEF cells at 37°C for 24 hours.

Stem Cell Keeper™ (Catalog # U0021)

Human embryonic stem cell (hESC) and induced pluripotent stem cell (iPSC) are very sensitive to freezing and thawing damage; their survival rate after cryopreservation by slow cooling is low. Stem Cell Kepper™ is a ready-to-use vitrification solution for hESC and iPSC preservation.

1000+ Stem Cell Related Antibodies

940+ mouse and rabbit antibodies for embryonic stem cell (ESC) and hematopoietic stem cell (HSC).
100+ antibodies for induced pluripotent stem cell (iPSC) studies.

Abnova Corporation
9F, No. 108, Jhouzih St., Neihu, Taipei 114, Taiwan Tel: + 886 2 8751 1888 Fax: + 886 2 6602 1218 **www.abnova.com**