



AlphaBioMatrix Solution

Catalog #: HNM011

Size: 20 ml

Storage: Store the medium at 2-8°C or -20°C for long term

Format: Liquid

GENERAL INFORMATION

AlphaBioMatrix Solution is a highly purified basement membrane matrix sourced from gene-edited mouse tumor cells raised in a LDEV-free mouse population. This solution contains crucial components such as laminin, collagen IV, entactin, and heparin sulfate proteoglycan.

Basement membranes are integral for tissue organization, providing vital support for cellular growth and cell layers. They play a key role in various cellular mechanisms including adhesion, migration, proliferation, and differentiation.

The diverse applications of AlphaBioMatrix Solution include influencing gene expression in adult rat hepatocytes, 3D culture in mouse and human mammary epithelial cells, *in vivo* peripheral nerve regeneration, metabolism and toxicology studies, development of tumor cell invasion assays, *in vitro* and *in vivo* study of angiogenesis, *in vivo* propagation of human tumors in immunosuppressed mice, maintenance of human embryonic stem cells and induced pluripotent stem (iPSCs) cells, as well as neuronal differentiation of human iPSC cells.

Product is for Research use only. Our products are not authorized for human use, in vitro diagnostic procedures, or for therapeutic procedures.

FOR RESEARCH USE ONLY

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