

A2B5 Antibody-coupled magnetic MicroBeads

Cat. No. A2B5-1923M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human/Mouse

Capacity for 1×10^9 total cells

Background

The Anti-A2B5 MicroBead Kit has been developed for the positive selection of human and mouse pluripotent stem cell-derived glial precursor cells based on the expression of the A2B5 antigen.

For isolation of primary A2B5+ cells please refer to Anti-A2B5 Microbeads.

Ganglioside GT3 and its O-acetylated derivative are the principal A2B5-reactive gangliosides. In vitro differentiation of human and mouse pluripotent stem cells under defined conditions revealed that oligodendrocyte precursor cells express the surface marker A2B5. Magnetic enrichment of in vitro generated glial precursors will facilitate access to a highly pure A2B5-positive cell population and may even shorten established differentiation protocols.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA