

A2B5 Antibody-coupled magnetic MicroBeads

Cat. No. A2B5-294M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Mouse/Rat

Capacity for 5×10^7 total cells

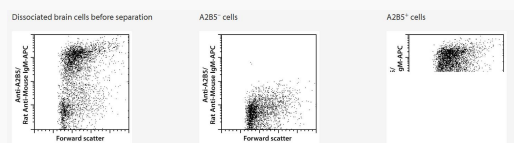
Background

A2B5 is predominantly expressed in embryonic and neonatal neural tissue. In adult mammalian brain A2B5 expression is restricted mainly to areas that retain neurogenic potential such as the subventricular zone (SVZ). Thus, A2B5 is considered to be a marker for immature glial-committed precursors that are permanently generated in the SVZ.

Ganglioside GT3 and its O-acetylated derivative are the principal A2B5-reactive gangliosides, and both antigens are down-regulated as the cells differentiate into mature oligodendrocytes.

Glial progenitors from embryonic to adult human, murine, and rat tissue have been immunomagnetically isolated according to the expression of A2B51–5.

Analysis



Isolation of A2B5+ cells from day 1 postnatal mouse whole brain tissue using the Neural Tissue Dissociation Kit (P), Anti-A2B5 MicroBeads, a MiniMACS Separator, and an MS Column.

 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