




 Quiescent radial glia
 GFAP high
 GFAP+/S100+/PCNA-


 Activated radial glia
 GFAP high
 GFAP+/S100+/PCNA+


 hypertrophic fibers of radial glial cells


 Neural progenitors
 tbr2+


 Quiescent radial glia
 GFAP low
 GFAP+/S100+/PCNA-


 Activated radial glia
 GFAP low
 GFAP+/S100+/PCNA+

 Site of lesion

 Quiescent OPCs
 olig2+/PCNA-

 Proliferating OPCs
 olig2+/PCNA+

 Non-proliferating microglia
 Apo-E+/PCNA-

 Proliferating microglia
 Apo-E+/PCNA-