Oligodendrocytes are defined as the cells that exist in tissue stroma of central nervous system and play a important role in maintaining function of neuron cell by making myelin wrapping around a nerve cell axon. And further, oligodendrocytes are considered as target of some disease such as autoimmunediase and brain cancer. However, there are some problems such that the antibody to oligodendrocytes using in immunostaining has low stability and hardly react oligodendroglialoma as tumor of oligodendrocytes. Olig2 is a transcription factor that controls development and differentiation of oligodendrocytes (ref. 1-3). It is reported that human Olig2 is specifically expressed in both oligodendrocytes and oligodendrogloma (ref. 4-6). This antibody recognizes with human Olig2.

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