

Anti-OLIG2 Antibody [OLIG2/6695R] (A277950)

Specifications:

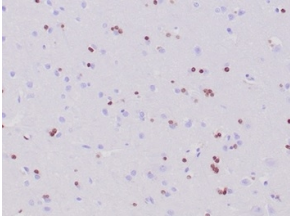
Name:	Anti-OLIG2 Antibody [OLIG2/6695R]
Description:	Recombinant rabbit monoclonal [OLIG2/6695R] antibody to OLIG2.
Specificity:	Olig2, a basic helix loop helix transcription factor, is involved in oligo-dendroglial specification. Olig2 expression has been reported in most glial tumors, such as oligodendrogliomas and astrocytomas. Although more than half of glioblastomas are positive for Olig2, expression is very weak in terms of both percentage of labeled cells and intensity. No Olig2 expression has been found in the non-glial tumors including neuroepithelial tumors, ependymomas, sub-ependymomas, medulloblastomas, and non-neuroepithelial tumors, such as CNS lymphomas, meningiomas, schwannomas, atypical teratoid/rhabdoid tumor, and haemangioblastomas. Compared to the strong staining seen in glioma samples, a weak expression is observed in non-tumoral brain tissue.
Applications:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 200-300, of human OLIG2 protein. The exact sequence is proprietary.
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	OLIG2/6695R
Isotype:	IgG
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-OLIG2 Antibody [OLIG2/6695R] - BSA and Azide free (A278538).

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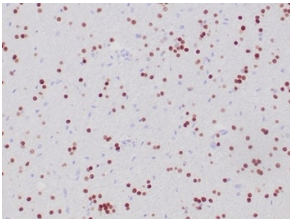
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

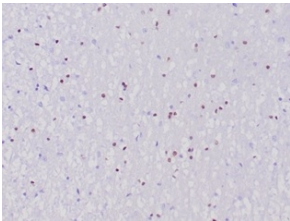
Images:



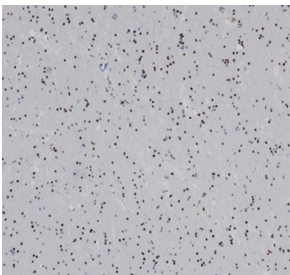
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human cerebrum tissue using Anti-OLIG2 Antibody [OLIG2/6695R].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human oligodendroglioma tissue using Anti-OLIG2 Antibody [OLIG2/6695R].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human cerebellum tissue using Anti-OLIG2 Antibody [OLIG2/6695R].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human glioma tissue using Anti-OLIG2 Antibody [OLIG2/6695R].