Olig-2 recombinant monoclonal antibody (064)

The anti-Olig2 antibody is a reliable tool for detecting human Olig2, a basic helix-loop-helix transcription factor crucial for the development and maintenance of oligodendrocytes and motor neurons.

Olig-2 plays a key role in the specification and differentiation of oligodendrocytes and motor neurons in the central nervous system (CNS). Olig-2 is essential for the formation of myelin-producing oligodendrocytes, which are vital for proper neuronal function and axonal insulation. In neurodevelopment, Olig-2 regulates neural progenitor proliferation and lineage specification, while in disease contexts, it is associated with gliomas, particularly oligodendrogliomas, where it serves as a diagnostic marker. Olig-2's involvement in CNS injury and repair also highlights its importance in neurodegeneration and regenerative medicine.

This antibody is covered by our Worry-Free Guarantee.

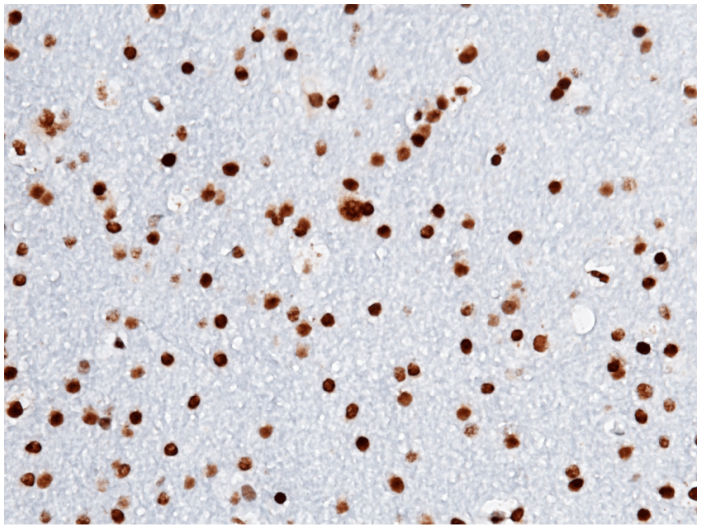
Ordering Information

Order Online »

ENZ-ABS1043-0100	100µl

Manuals, SDS & CofA

View Online »



Immunohistochemical staining of human olig-2 in human brain with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).

Handling & Storage

Handling	Avoid freeze-thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Oligo 2, Oligodendrocyte transcription factor 2
Application	IHC (PS), WB
Clone	064
Formulation	Liquid. 0.2 µm filtered solution in PBS. Carrier-free. Preservative-free.
Host	Rabbit
Immunogen	Synthetic peptide corresponding to the N-terminus of the Human Olig-2.
Isotype	IgG
Purity Detail	Protein A purified.
Recommendation Dilutions/Conditions	Immunohistochemistry (paraffin sections) (1:100-1:500) Western Blot (1:500-1:2000) Suggested dilutions/conditions may not be available for all applications. Optimal conditions must be determined individually for each application.
Species Reactivity	Human
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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