

Melanoma Pan
Mouse Monoclonal antibody(Mab)
Catalog # AD80496**Specification**

Melanoma Pan - Product info

Application	IHC-P
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

Melanoma Pan - Additional info

Gene ID	10215
Gene Name	OLIG2

Other Names

Oligodendrocyte transcription factor 2, Oligo2, Class B basic helix-loop-helix protein 1, bHLHb1, Class E basic helix-loop-helix protein 19, bHLHe19, Protein kinase C-binding protein 2, Protein kinase C-binding protein RACK17, OLIG2, BHLHB1, BHLHE19, PRKCBP2, RACK17

Dilution

IHC-P~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions

Oligo-2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Melanoma Pan - Protein Information

Synonyms
Function

BHLHB1, BHLHE19, PRKCBP2, RACK17
Required for oligodendrocyte and motor neuron specification in the spinal cord, as well as for the development of somatic motor neurons in the hindbrain. Functions together with ZNF488 to promote oligodendrocyte differentiation. Cooperates with OLIG1 to establish the pMN domain of the embryonic neural tube. Antagonist of V2 interneuron and of NKX2-2-induced V3 interneuron development.
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}. Cytoplasm. Note=The NLS contained in the bHLH domain could be masked in the native form and translocation to the nucleus could be

Cellular Location

Tissue Location

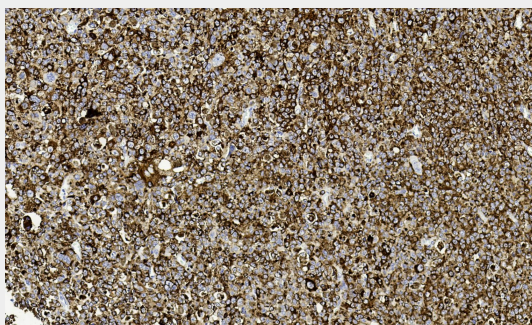
mediated by interaction either with class E bHLH partner protein or with NKX2-2
Expressed in the brain, in oligodendrocytes. Strongly expressed in oligodendrogliomas, while expression is weak to moderate in astrocytomas. Expression in glioblastomas highly variable.

Melanoma Pan - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Melanoma Pan - Images



Melanoma