

Product datasheet for **UM800183**

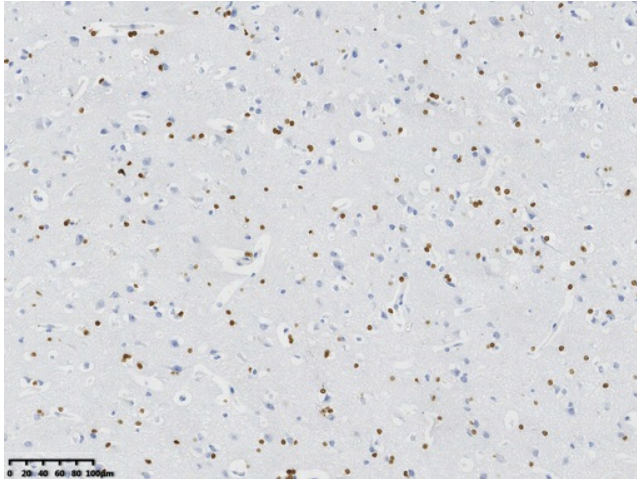
OLIG2 Mouse Monoclonal Antibody [Clone ID: UMAB294]

Product data:

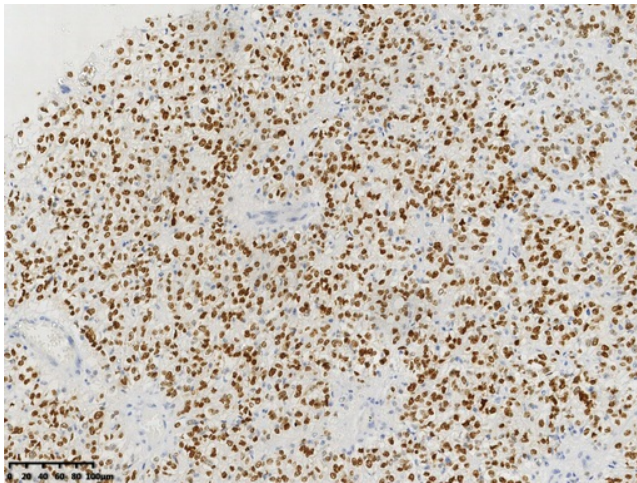
Product Type:	Primary Antibodies
Clone Name:	UMAB294
Applications:	IHC
Recommended Dilution:	IHC 1:200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment of human OLIG2 (NP_005797) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1.00mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Predicted Protein Size:	32.2 kDa
Gene Name:	oligodendrocyte transcription factor 2
Database Link:	NP_005797 Entrez Gene 10215 Human Q13516
Background:	This gene encodes a basic helix-loop-helix transcription factor which is expressed in oligodendroglial tumors of the brain. The protein is an essential regulator of ventral neuroectodermal progenitor cell fate. The gene is involved in a chromosomal translocation t(14;21)(q11.2;q22) associated with T-cell acute lymphoblastic leukemia. Its chromosomal location is within a region of chromosome 21 which has been suggested to play a role in learning deficits associated with Down syndrome. [provided by RefSeq, Jul 2008]
Synonyms:	BHLHB1; bHLHe19; OLIGO2; PRKCBP2; RACK17
Protein Families:	Druggable Genome, Transcription Factors



[View online »](#)

Product images:

IHC staining of FFPE human adult brain tissue with in the normal limits using anti-OLIG2 mouse monoclonal antibody (UM800183) and Polink-2 HRP polymer detection kit ([D22-110]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 ([B04C-100]) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.



IHC staining of FFPE human glioma tissue using anti-OLIG2 mouse monoclonal antibody (UM800183) and Polink-2 HRP polymer detection kit ([D22-110]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 ([B04C-100]) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.