

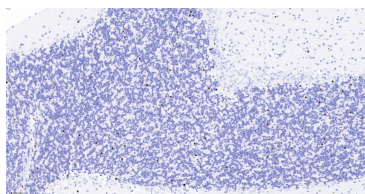
bsm-61115R**[Primary Antibody]****OLIG2 Recombinant Rabbit mAb****Bioss**
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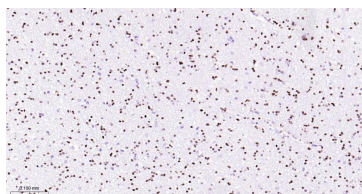
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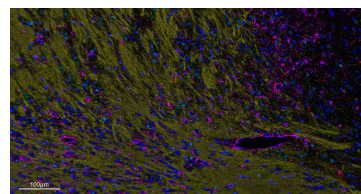
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 5A15**GeneID:** 10215**SWISS:** Q13516**Target:** OLIG2**Immunogen:** A synthesized peptide derived from human Oligo2: 240-323/323.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** 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.**Applications:** IHC-P (1:200-800)**IHC-F** (1:200-800)**IF** (1:200-800)**Reactivity:** Human, Mouse, Rat**Predicted
MW.:** 32 kDa**Observed
MW.:** 32 kDa**Subcellular
Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

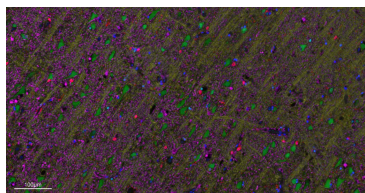
Paraformaldehyde-fixed, paraffin embedded Mouse Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with OLIG2 Monoclonal Antibody, Unconjugated (bsm-61115R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Glioma; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with OLIG2 Monoclonal Antibody, Unconjugated (bsm-61115R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum. Merged staining of anti-GFAP (bsm-42001R; 1:200; pink) anti-AIF1/Iba1 (bsm-54132R; 1:200; red) anti-NeuN (bsm-52268R; 1:200; green) anti-MBP (bsm-33932M; 1:200; yellow) and anti-Olig2 (bsm-61115R; 1:200; light blue) . DAPI (dark blue) was used as a nuclear counter stain.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum. Merged staining of anti-GFAP (bsm-42001R; 1:200; pink) anti-AIF1/Iba1 (bsm-54132R; 1:200; red) anti-NeuN (bsm-52268R; 1:200; green) anti-MBP (bsm-33932M; 1:200; yellow) and anti-Olig2 (bsm-61115R; 1:200; light blue) . DAPI (dark blue) was used as a nuclear counter stain.