

bs-19654R**[Primary Antibody]****phospho-OLIG2 (Ser10+Ser13+Ser14) Rabbit pAb****BioSS**
ANTIBODIES

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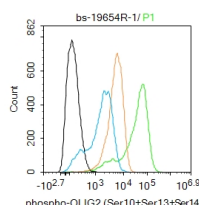
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 10215 Target: OLIG2 (Ser10+Ser13+Ser14) Immunogen: KLH conjugated synthesised phosphopeptide derived from human OLIG2 around the phosphorylation site of Ser10+Ser13+Ser14: VS(p-S)RP(p-S)(p-S)PE. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. 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]	Isotype: IgG SWISS: Q13516	Applications: Flow-Cyt (1ug/Test) Reactivity: Human (predicted: Mouse, Rat, Cow, Chicken) Predicted MW.: 32 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Blank control (black line) :U87MG. Primary Antibody (green line): Rabbit Anti-phospho-OLIG2 (Ser10+Ser13+Ser14) antibody (bs-19654R) Dilution:1ug/Test; Secondary Antibody (white blue line) : Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control (orange line) : Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.