

bs-5475R**[Primary Antibody]****phospho-MBP (Tyr203) Rabbit pAb****BioSS**
ANTIBODIES

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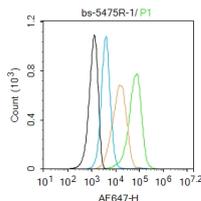
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— DATASHEET —

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 4155</p> <p>Target: phospho-MBP (Tyr203)</p> <p>Immunogen: KLH conjugated Synthesised phosphopeptide derived from human MBP around the phosphorylation site of Tyr203: AH(p-Y)GS.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>Background: Oligodendrocyte Marker The classic group of Myelin basic protein (MBP) isoforms (isoforms 4 to 14) are with PLP the most abundant protein components of the myelin membrane in the CNS. They have a role in both its formation and stabilization. The smaller isoforms might have an important role in remyelination of denuded axons in multiple sclerosis. The non classic group of MBP isoforms (isoforms 1 to 3/Golli MBPs) may preferentially have a role in the early developing brain long before myelination, maybe as components of transcriptional complexes, and may also be involved in signaling pathways in T cells and neural cells. Differential splicing events combined to optional posttranslational modifications give a wide spectrum of isomers, each of them having maybe a specialized function.</p>	<p>Isotype: IgG</p> <p>SWISS: P02686</p>	<p>Applications: Flow-Cyt (1ug/Test)</p> <p>Reactivity: Human, Mouse, Rat (predicted: Dog)</p> <p>Predicted MW.: 33 kDa</p> <p>Subcellular Location: Cell membrane ,Cytoplasm</p>
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— VALIDATION IMAGES —

Blank control:U937. Primary Antibody (green line): Rabbit Anti-phospho-MBP (Tyr203) antibody (bs-5475R) Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF647 Dilution: 1µg /test. Protocol The cells were 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.