

bs-18656R**[Primary Antibody]****MANSC1 Rabbit pAb****BioSS**
ANTIBODIES

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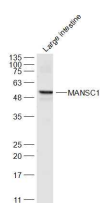
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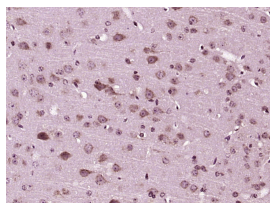
400-901-9800

— DATASHEET —

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|---|----------------------|--|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | IHC-P (1:100-500) |
| GeneID: 54682 | SWISS: Q9H8J5 | IHC-F (1:100-500) |
| Target: MANSC1 | | IF (1:100-500) |
| Immunogen: KLH conjugated synthetic peptide derived from human MANSC1: 27-130/431. < Extracellular > | | Reactivity: Mouse (predicted: Human, Rat, Sheep, Cow, Dog, Horse) |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | Predicted MW.: 44 kDa |
| 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. | | Subcellular Location: Cell membrane |
| Background: MANSC1 is a 414 amino acid single-pass membrane protein. Expressed throughout the body, MANSC1 contains one MANSC domain and is encoded by a gene that is located on chromosome 12. Encoding over 1,100 genes within 132 million bases, chromosome 12 makes up about 4.5% of the human genome. A number of skeletal deformities are linked to chromosome 12, including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Chromosome 12 is also home to a homeobox gene cluster which encodes crucial transcription factors for morphogenesis, and the natural killer complex gene cluster encoding C-type lectin proteins which mediate the NK cell response to MHC I interaction. | | |

— VALIDATION IMAGES —

Sample: Large intestine(Mouse) Cell Lysate at 40 ug
 Primary: Anti-MANSC1 (bs-18656R) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 44 kD Observed band size: 49 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MANSC1) Polyclonal Antibody, Unconjugated (bs-18656R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.