

bs-10659R**[Primary Antibody]****Ephrin-B2 Rabbit pAb****BioSS**
ANTIBODIES

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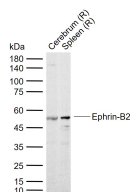
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Rat (predicted: Human, Mouse)
GeneID: 1948	SWISS: P52799	
Target: Ephrin-B2		Predicted MW.: 34 kDa
Immunogen: KLH conjugated synthetic peptide derived from human Ephrin-B2: 21-120/333. < Extracellular >		Subcellular Location: Cell membrane
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 member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Sample: Lane 1: Rat Cerebrum tissue lysates
Lane 2: Rat Spleen tissue lysates Primary: Anti-Ephrin-B2 (bs-10659R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kDa
Observed band size: 52 kDa

— SELECTED CITATIONS —

- **[IF=5.3]** Ying Fu. et al. Imbalanced EphB4/EphrinB2 Signaling Modulates Bone Resorption in Periodontitis Induced by Porphyromonas gingivalis. ACS INFECT DIS. 2024;XXXX(XXX):XXX-XXX WB ;Rat. 38442009
- **[IF=3.743]** Zhu F et al. EFNB2 facilitates cell proliferation, migration, and invasion in pancreatic ductal adenocarcinoma via the p53/p21 pathway and EMT. Biomed Pharmacother. 2020 Feb 6;125:109972. WB ;Human. 32036221
- **[IF=1.813]** Huang Mi. et al. Icariin Alleviates Glucocorticoid-Induced Osteoporosis through EphB4/Ephrin-B2 Axis. Evid-Based Compl Alt. 2020;2020:2982480 IHC ;Mouse. 32508946
- **[IF=2.153]** Sun Chen-Li. et al. Blockade of Erythropoietin-Producing Human Hepatocellular Carcinoma Receptor B1 in

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Spinal Dorsal Horn Alleviates Visceral Pain in Rats. Pain Res Manag. 2021;2021:7582494 WB ;Rat. 33880135