

**bs-0772R****[ Primary Antibody ]****phospho-FSCN1 (Ser39) Rabbit pAb****BioSS**  
**ANTIBODIES**

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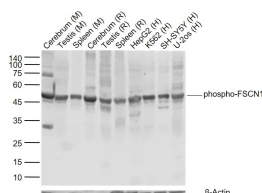
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**DATASHEET**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human, Mouse, Rat
<b>GeneID:</b> 6624	<b>SWISS:</b> Q16658	
<b>Target:</b> FSCN1 (Ser39)		
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human FSCN1 around the phosphorylation site of Ser39: AS(p-S)LK.		<b>Predicted MW.:</b> 55 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Cytoplasm
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> Human fascin is a highly conserved actin-bundling protein. Fascin, encoded by the human homolog for sn (hsn) gene, has been localized to microspikes and stress fibers of cultured cells where it is thought to be involved in the formation of microfilament bundles. It is expressed predominantly in dendritic cells. Lymphoid cells, myeloid cells and plasma cells are negative. However, Reed Sternberg cells in Hodgkin's lymphoma are positive for fascin staining. Epstein-Barr virus may induce expression of fascin in B cells.		

**VALIDATION IMAGES**

Sample: Lane 1: Mouse Cerebrum tissue lysates  
 Lane 2: Mouse Testis tissue lysates Lane 3:  
 Mouse Spleen tissue lysates Lane 4: Rat  
 Cerebrum tissue lysates Lane 5: Rat Testis tissue  
 lysates Lane 6: Rat Spleen tissue lysates Lane 7:  
 Human HepG2 cell lysates Lane 8: Human K562  
 cell lysates Lane 9: Human SH-SY5Y cell lysates  
 Lane 10: Human U-2os cell lysates Primary: Anti-  
 phospho-FSCN1 (Ser39) (bs-0772R) at 1/1000  
 dilution Secondary: IRDye800CW Goat Anti-  
 Rabbit IgG at 1/20000 dilution Predicted band  
 size: 55 kDa Observed band size: 51 kDa

**SELECTED CITATIONS**

- **[IF=3.73]** Majchrzak K, Lo Re D, Gajewska M, Bulkowska M, Homa A, et al. (2013) Migrastatin Analogues Inhibit Canine Mammary Cancer Cell Migration and Invasion. PLoS ONE 8(10): e76789 Other ;="Dog". 24116159
- **[IF=4.2]** Zhang, Weidong, et al. "Decrease in male mouse fertility by hydrogen sulfide and/or ammonia can be inheritable." Chemosphere (2017). IHC ;="Mouse". 29202267
- **[IF=3.31]** Król, Magdalena, et al. "Macrophages Mediate a Switch between Canonical and Non-Canonical Wnt Pathways in Canine Mammary Tumors." PLoS one 9.1 (2014): e83995. Other ;="Dog". 24404146

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

- **[IF=0]** Haokang Zhang. et al. The Actin Crosslinker Fascin Regulates Cell Chirality. Advanced Biology. 2023 Jan;;2200240  
WB ;Mouse. 36658789