

## phospho-FSCN1 (Ser39) Rabbit pAb

Catalog Number: bs-0772R

Target Protein: phospho-FSCN1 (Ser39)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse, Rat

Predicted MW: 55 kDa

Entrez Gene: 6624

Swiss Prot: Q16658

Source: KLH conjugated Synthesised phosphopeptide derived from human FSCN1 around the phosphorylation site of Ser39: AS(p-S)LK.

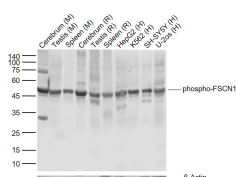
Purification: affinity purified by Protein A

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:** 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

## PRODUCT SPECIFIC PUBLICATIONS

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[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

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