Fascin monoclonal antibody

Catalog: MB66194 Host: Mouse Reactivity: Human

BackGround:

Fascin is a monomeric, globular protein that plays a central role in regulating the structure and function of the cortical actin cytoskeleton . Fascin promotes cross-linkage of parallel actin filaments during the formation of cell protrusions (lamellipodia and filopodia), and therefore plays an important role in regulating cell migration. It has been reported that fascin may also regulate filopodia formation by a mechanism independent of its actin-bundling functions , though less is known about this mechanism of action. Research studies have shown that increased fascin expression is associated with increased motility and invasiveness of neoplastic cells, including breast, colon, prostate, and esophageal squamous cell carcinomas . Fascin binds to the armadillo-repeat domain of β-catenin in vitro and in vivo, and has been shown to co-localize with β-catenin and cadherins at the leading edge of migratory cells.

Product:

Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.

Molecular Weight:

~ 54 kDa

Swiss-Prot:

Q16658

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB (1/500 - 1/1000), IHC (1/100 - 1/300), IF (1/100 - 1/500)

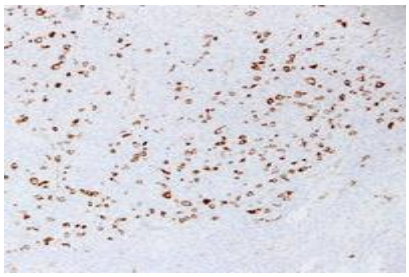
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of Fascin protein.

DATA:



Immunohistochemical analysis of Fascin staining in human hodgkin's lymphoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151