

IHCab™ Fascin (BGT-FASN) mouse mAb

Cat #: B-IMW6178

Size: 100 µL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

Background

This gene encodes a member of the fascin family of actin-binding proteins. Fascin proteins organize F-actin into parallel bundles, and are required for the formation of actin-based cellular protrusions. The encoded protein plays a critical role in cell migration, motility, adhesion and cellular interactions. Expression of this gene is known to be regulated by several microRNAs, and overexpression of this gene may play a role in the metastasis of multiple types of cancer by increasing cell motility. Expression of this gene is also a marker for Reed-Sternberg cells in Hodgkin's lymphoma. A pseudogene of this gene is located on the long arm of chromosome 15.

Product Information

Applications/Dilution: IHC-p 1:100-500, WB 1:500-2000

Isotype/Source: Mouse, Monoclonal/IgG1, Kappa

Specificity: This antibody detects endogenous levels of human Fascin. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section

Subcellular Location: Cytoplasm, cytosol . Cytoplasm, cell cortex . Cytoplasm, cytoskeleton . Cytoplasm, cytoskeleton, stress fiber . Cell projection, filopodium . Cell projection, invadopodium . Cell projection, microvillus . Cell junction . Colocalized with RUFY3 and F-actin at filipodia of the axonal growth cone. Colocalized with DBN1 and F-actin at the transitional domain of the axonal growth cone (By similarity)

Expression: Ubiquitous

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage: Store at -15°C to -25°C

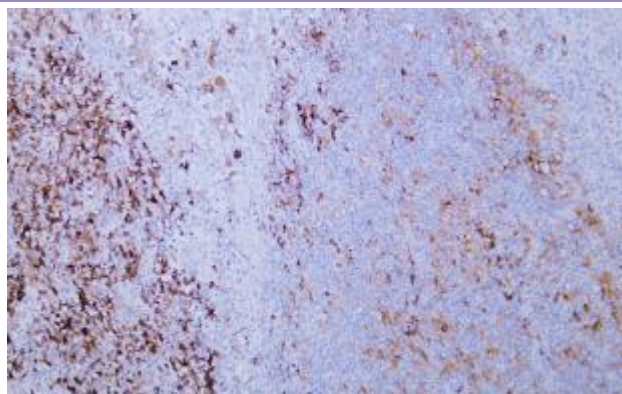


Fig.1. Human Hodgkin lymphoma tissue was stained with Anti-Fascin Antibody

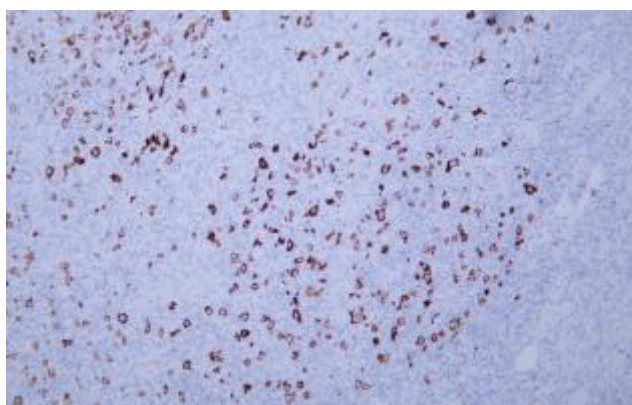


Fig.2. Human Hodgkin lymphoma tissue was stained with Anti-Fascin Antibody

Note:

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.