

Rabbit Anti-Fascin [EP116]: RM0095

Intended Use: For Research Use Only

Description: Fascin, an actin-binding protein, induces parallel actin bundles in cell protrusions and cell motility after the formation of lamellipodia or filopodia. The Fascin antibody labels dendritic cells in normal and tumor tissues. It is a sensitive marker for Reed-Sternberg cells in Hodgkin's lymphoma (HL). Thus, Fascin is useful for the identification of Hodgkin's lymphoma as well as dendritic tumor. Given its primary function in inducing membrane protrusions and increasing cell motility, in addition to serving as a marker for the identification of HL and dendritic tumor, overexpression of fasci has been shown to be correlated with disease progression in several types of human tumors including cancers of the lung, ovarian, breast, pancreas, esophagus, stomach, colon, and skin. An IHC study of 58 primary breast carcinomas suggested that estrogen (ER) and progesterone (PR) receptor levels were inversely correlated with the expression of fascin.

Specifications:

Clone: EP116
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and ≤0.09% sodium azide (NaN₃).
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
Fascin Concentrated	RM0095	1 ml

IHC Procedure*:

Positive Control Tissue: Tonsil, Hodgkin's lymphoma
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.