
Fascin (Clone ZM192) Mouse Monoclonal Antibody

Specificity: Human and rat. Others-not known

Immunogen: Full length recombinant human FSCN1 protein

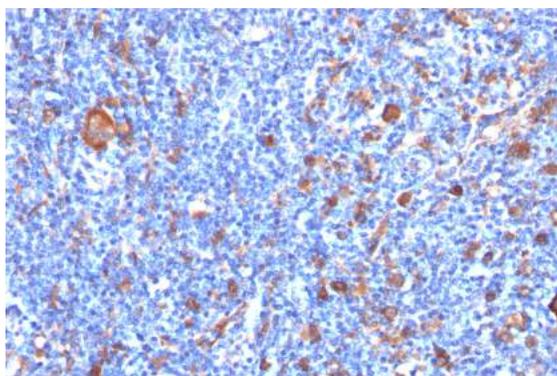
Ig Class: IgG2/ κ

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:100-200; *Positive Control:* Hodgkin's lymphoma or spleen. *Cellular Localization:* Cytoplasmic. *Intended Use:* In vitro diagnosis (IVD).

Description: Recognizes a protein of 55kDa, which is identified as fascin-1. Its actin binding ability is regulated by phosphorylation. Antibody to fascin-1 is a very sensitive marker for Reed-Sternberg cells and variants in nodular sclerosis, mixed cellularity, and lymphocyte depletion Hodgkin's disease. It is uniformly negative in lymphoid cells, plasma cells, and myeloid cells. Fascin-1 is also expressed in dendritic cells. This marker may be helpful to distinguish between Hodgkin lymphoma and non-Hodgkin lymphoma in difficult cases. Also, the lack of expression of fascin-1 in the neoplastic follicles in follicular lymphoma may be helpful in distinguishing these lymphomas from reactive follicular hyperplasia in which the number of follicular dendritic cells is normal or increased. Antibody to fascin-1 has been suggested as a prognostic marker in neuroendocrine neoplasms of the lung as well as in ovarian cancer. Fascin-1 expression may be induced by Epstein-Barr virus (EBV) infection of B cells with the possibility that viral induction of fascin in lymphoid or other cell types must also be considered in EBV-positive cases.

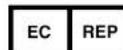
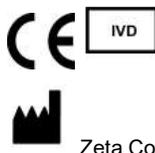
Supplied As: Tissue culture supernant with 0.2% BSA and 15mM sodium azide.



Formalin-fixed, paraffin-embedded human Hodgkin lymphoma stained with anti-fascin antibody using peroxidase-conjugate and DAB chromogen. Note the cytoplasmic staining of Hodgkin's cells

Cat. #Z2446 (1.0 ml)

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