

Mouse anti-Fascin, clone IM20, (monoclonal)

Clone no. IM20

MONXtra

Product name	Mouse anti-Fascin, clone IM20, (monoclonal)
Host	Mouse
Applications	IHC-P (1:200-1:400), WB (1:100-1:200)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to the C-terminal region of the fascin molecule.
Isotype	IgG1, kappa
Clonality	Monoclonal
Clone number	IM20
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tissue culture supernatant with 15 mM Sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Human fascin is a 55 to 58 kD actin-bundling protein, whose actin binding ability is regulated by phosphorylation. In normal tissues the detection of fascin is reported to be predominantly restricted to dendritic cells, and in the thymus has been observed only in medullary dendritic cells. In reactive nodes, interdigitating reticulum cells of T cell zones, cells in subcapsular areas, and cells of the reticular network express fascin. Variable expression is seen in follicular dendritic cells and endothelial cells. Lymphoid cells, myeloid cells and plasma cells do not express fascin; however, in cases of Hodgkin's disease, including nodular sclerosis, mixed cellularity lymphocyte depletion and unclassified cases, most or all Reed Sternberg cells are reported to be positive for fascin. Fascin 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.

References

1. Ishikawa R et al. The Journal of Biological Chemistry. 273 (41): 26991–26997 (1998)
2. Ono S et al. The Journal of Biological Chemistry. 272 (4): 2527–2533 (1997)
3. Pinkus GS et al. American Journal of Pathology. 150 (2): 543–562 (1997)
4. -
5. -

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