

Mouse anti-Galectin-3, clone 9C4 (Monoclonal)

Clone no. 9C4

MONOSAN

Product name	Mouse anti-Galectin-3, clone 9C4 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:25-1:100)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	9C4
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% 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

Galectin-3 is a 30-kD protein, a member of the beta-galactosidase-binding lectin family. Galectin-3 is associated with cell growth, adhesion, inflammation, mRNA processing, and apoptosis. Reportedly, Galectin-3 aberrant expression is related to malignant transformation and metastasis in carcinomas of the breast, colon and thyroid. Galectin-3 reactivity can be seen in the nucleus of neutrophils, vascular endothelium, carcinomas of the colon, breast, and thyroid. Galectin-3 may be useful in the differentiation of benign and malignant thyroid neoplasms. Galectin-3 may also be useful in the identification of certain liver disorders.

References

1. Orlandi F, et al. *Cancer Res.* 1998; 58:3015-20
2. Bartolazzi A, et al. *Lancet.* 2001; 357:1644-50
3. Papotti M, et al. *Eur J Endocrinol.* 2002; 147: 515-21
4. Inohara H, et al. *Cancer.* 1999; 85:2475-84
5. Chiu CG, et al. *Am J Pathol.* 2010; 176:2067-81

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