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# TECHNICALLY *Speaking*

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## Mouse Anti-Galectin-3 Monoclonal Antibody

CLSG36723  
CLSG36723-05  
Lot: E767

<b>Immunogen:</b>	BALB/C mice were immunized with prokaryotic recombinant fusion protein corresponding to the full-length galectin-3 molecule.
<b>Clone:</b>	9C4
<b>Isotype:</b>	IgG1
<b>Format:</b>	1 ml (CLSG36723) or 0.5 ml (CLSG36723-05). This antibody is supplied as tissue culture supernatant containing sodium azide as preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:50-1:75 in an ABC method. However, depending on the staining conditions employed, we suggest that final dilution should be determined by the user.
<b>Staining Protocol:</b>	We suggest an incubation period of 60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
<b>Specificity:</b>	Galactin-3 is a member of the $\beta$ -galactosidase binding lectin family. Cell surface galectin-3 may be involved in homotypical cell adhesion and is down-regulated in colon and breast cancer. Down-regulation of galectin-3 could be one of the many events that enable cancer cells to interact with laminin into facilitate invasion and metastasis. Galectin-3 has been detected in anaplastic large cell lymphomas.
<b>Positive Control:</b>	Prostate
<b>Cellular Localization:</b>	Cytoplasmic
<b>Storage:</b>	Store the antibody at 4-8°C. Do not use it beyond the expiration date stated on the label.

Continued Overleaf...

For more information or to place an order please contact...

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**References:**

- i) Castronovo et al. J Pathol 179: 43, 1996.
- ii) Fernandez et al. J Pathol 181: 80, 1997.
- iii) Gasbarri et al. J Clin Oncol 17: 3494, 1999.
- iv) Kasper et al. J Pathol 179: 309, 1996.

**Laboratory Reagent For Research Use Only**

JV 05/14/08