

Monoclonal Mouse Antibody to p105 Proliferation-Associated Nuclear Antigen

Description:

Immunogen:	Nuclear extracts from human PBLs stimulated with pokeweed mitogen.
Clone:	780-3-9.
Isotype:	IgM, Kappa.
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as preservative.
Specificity:	The p105 antigen is localized in the interchromatin granules. Its level increases during G1 phase until G2 phase. In studies involving lymphomas and tumors of the brain and colon, p105 positivity has been found to correlate with mitotic activity and the degree of anaplasia.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:75 in an immunohistochemistry application. However, depending on the staining conditions employed, we suggest that final dilution should be determined by the user.

Uses/Limitations: Immunohistochemistry
For Research Use Only.
Do not use past expiration date.

Storage: 2-8° Centigrade.

Procedure: We suggest an incubation period of 30-60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. It is recommended for frozen sections. However, some success has been reported on paraffin sections, when sections were predigested with 0.1% DNase for two hours at room temperature.

Precautions: Contains Sodium Azide as a preservative.
Do not pipette by mouth.

References: 1. Turner et al. Arch Pathol Lab Med 113: 907, 1989.
2. Bolton et al. Cytometry 13: 117, 1992.