

Monoclonal Antibody to p105 - Supernatant

Alternate names:	PANA, Proliferation Associated Nuclear Antigen, Proliferation Marker
Catalog No.:	AM10042SU-N
Quantity:	0.5 ml
Concentration:	0.25 mg/ml
Background:	The p105 protein found in all human cells in a dimeric form (105 kD) and monomeric form (41 kD), is a proliferation-associated nuclear antigen that is absent in non-cycling cells in the Go phase. This protein is important in the synthesis and transport of RNA in the cell regulation cycle. During G2, and mitosis, this protein is increased possibly due to the unmasking of nucleolar antigens.
Host / Isotype:	Mouse / IgM
Clone:	B301 (2B3)
Immunogen:	Activated peripheral blood nuclei
Format:	State: Liquid Supernatant Buffer System: PBS, pH 7.2 containing 0.02% BSA and 0.09% Sodium Azide
Applications:	Western Blot (1/100-1/200). Immunohistochemistry on Frozen and Paraffin Sections (1/50-1/100). Formalin-fixed paraffin-embedded (FFPE) tissue sections require pepsin or trypsin digestion. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody recognizes Human p105 protein. Other species not tested. Cellular localization: Nuclear.
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.