

AM08257SU-N**Monoclonal Antibody to Nuclei - Supernatant**

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|----------------------------|---|
| Quantity: | 0.1 ml |
| Host / Isotype: | Mouse / IgG1 |
| Clone: | 235-1 |
| Immunogen: | Human cell homogenate. |
| Format: | State: Liquid Culture Supernatant. Buffer System: PBS |
| Applications: | Immunoprecipitation. Immunofluorescence: 1/100. Immunohistochemistry: 1/100. The antibody works on acetone fixed and paraformaldehyde fixed cells. It is suggested that you permeabilize the cells with 0.1-0.4% Triton X100. Also works for Immunohistochemistry on paraformaldehyde fixed cryostat sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody is an excellent Marker for Human cells in xenographic model research. It reacts specifically with Human cells, including neurons and embryonic stem cells, with no reactivity to Rat or Mouse cells. Stains nuclei of all human cell types giving a diffuse nuclear staining pattern. Chromosomes are negatively stained in metaphase cells. By Immunoprecipitation the antibody reacts with an 80 kDa and 70 kDa band. |
| Species Reactivity: | Tested: Human. |
| Storage: | Store the antibody undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch. |
| General Readings: | 1. Glaser R, Lu MM, Narula N, Epstein JA. Smooth muscle cells, but not myocytes, of host origin in transplanted human hearts. Circulation. 2002 Jul 2;106(1):17-9. PubMed PMID: 12093763. |

Pictures:

Figure 1. Immunostaining of HeLa cells showing specific labeling of their nuclei using anti-Nuclei Antibody Cat.-No AM08257SU-N (Clone 235-1).

