

Mouse Nuclear Antigen (HNA) Monoclonal Antibody

Human Nuclear Antigen (HNA) (Human Cell Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62719	Mouse	Human, Non-Human Primates. Does not react with Mouse, Rat and Chicken	Immunofluorescence, Flow Cytometry, Functional Assay

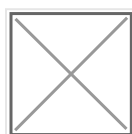
PRODUCT SYNONYMS

Nuclear Antigen (HNA); Monoclonal Antibody; Human Nuclear Antigen (HNA) (Human Cell Marker) Mouse Monoclonal Antibody; HNA; HuNu; anti-Nuclear Antigen (HNA) antibody

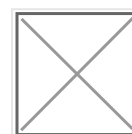
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Non-Human Primates. Does not react with Mouse, Rat and Chicken
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	235-1
Specificity	This MAb is an excellent marker for human cells in xenographic model research. It reacts specifically with human cells. It is a part of a new panel of reagents, which recognizes subcellular organelles or compartments of human cells. These markers may be useful in identification of these organelles in cells, tissues, and biochemical preparations. MAb 235-1 recognizes an antigen associated with the nuclei in human cells. It can be used to stain the nuclei in cell or tissue preparations and can be used as a nuclear marker in subcellular fractions. It produces a speckled pattern in normal and malignant cells and may be used to stain the nuclei of cells in fixed or frozen tissue sections. It can also be used with paraformaldehyde fixed frozen tissue or cell preparations.
Purity/Purification	Purified Ab conjugated to PE
Form/Format	Antibody purified from Bioreactor Concentrate by Protein A/G and conjugated to various reporter molecules. Prepared in 10mM PBS with 0.05% BSA and 0.05% azide.
Applicable Applications for anti-Nuclear Antigen (HNA) antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Nuclei
Immunogen	Nuclei of human myeloid leukemia biopsy cells
Positive Control	All human cells or tissues
Preparation and Storage	Antibody with azide - store at 4 to 8 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



FCM/FACS (Flow Cytometry)
Flow Cytometry of Human Nuclear Antigen on HeLa Cells. Black: Cells alone; Green: Isotype Control; Red: PE-labeled HNA Monoclonal Antibody (235-1).



FCM/FACS (Flow Cytometry)
Flow Cytometry of Human Nuclear Antigen on MCF-7 Cells. Black: Cells alone; Green: Isotype Control; Red: PE-labeled HNA Monoclonal Antibody (235-1).

ADDITIONAL INFORMATION

References	Rosario Sanchez-Pernaute et. al. Parthenogenetic dopamine neurons from primate embryonic stem cells restore function in experimental Parkinson's disease. Brain. 2008; 131(8): 2127-2139.Glaser R, Lu MM, Narula N, Epstein JA (2002) Smooth muscle cells, but not myocytes, of host origin in transplanted human hearts. Circulation Jul 2;106(1):17-9. Parthenogenetic dopamine neurons from primate embryonic stem cells restore function in experimental Parkinson's diseaseParthenogenetic dopamine neurons from primate embryonic stem cells restore function in experimental Parkinson's diseaseParthenogenetic dopamine neurons from primate embryonic stem cells restore function in experimental Parkinson's diseas
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NCBI AND UNIPROT INFORMATION

Molecular Weight	70kDa; 80kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nuclear-antigen-hna-antibody-clone-235-1-immunofluorescence-flow-cytometry-elisa/62719>