

Mouse IPO-38 Monoclonal Antibody | anti-IPO-38 antibody

IPO-38 (Proliferation Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62717	Mouse	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

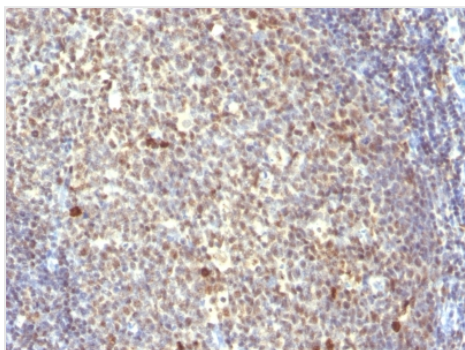
PRODUCT SYNONYMS

IPO-38; Monoclonal Antibody; IPO-38 (Proliferation Marker) Mouse Monoclonal Antibody; anti-IPO-38 antibody

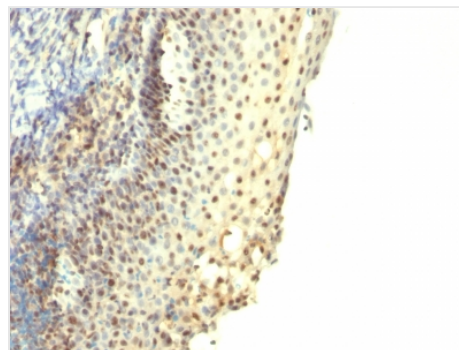
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgM, kappa
Clone Number	IPO-38
Specificity	Recognizes a protein of 14-16kDa, which is a novel nuclear antigen of proliferating cells. IPO-38 antigen is present in the nuclei of proliferating cells such as Hodgkin's disease and non-Hodgkin's lymphomas, different forms of leukemias, breast and colorectal carcinomas, and PHA-stimulated lymphocytes. It is not expressed in the cells of non-stimulated lymphocytes and granulocytes. IPO-38 may be a useful marker of cell proliferation during monitoring of tumor progression.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Applicable Applications for anti-IPO-38 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Nuclear
Immunogen	Spleen cells of a patient with hairy cell leukemia
Positive Control	Raji and PHA-stimulated (>12 hours) human or mouse lymphocytes. Breast and colorectal carcinomas.
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Tonsil stained with IPO-38 Monoclonal Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Tonsil stained with IPO-38 Monoclonal Antibody.

ADDITIONAL INFORMATION

References	Sidorenko SP et al. Monoclonal antibodies of the IPO series in studying and diagnosing malignant lympho-proliferative diseases. Gematol Transfuziol 1990, 35(4):19-22. Mikhlap SV et al. Monoclonal antibody IPO-38 recognizes a novel nuclear antigen of proliferating cells. In Kishimoto T et al eds. Leukocyte Typing VI, p609-610, Garland Publishing, New York, 1997.Mathews MB et al. Identity of the proliferating cell nuclear antigen and cyclin. Nature 1984, 309:374-376
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NCBI AND UNIPROT INFORMATION

Molecular Weight	14-16kDa
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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/ipo-38-antibody-clone-ipo-38-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/62717>