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IPO-38 (Proliferation Marker) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone IPO-38]
Catalog # AH12887

Product Information

Application	IF, FC, IHC-P
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgM, kappa
Clone Names	IPO-38
Calculated MW	14 KDa

Additional Information

Application Note	IF~~1:50~200 FC~~1:10~50 IHC-P~~N/A
Storage	Store at 2 to 8°C.Antibody is stable for 24 months.
Precautions	IPO-38 (Proliferation Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

Background

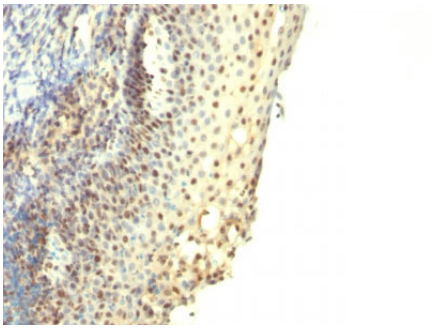
Recognizes a protein of 14-16kDa, which is a novel nuclear antigen of proliferating cells. IPO-38 antigen is present in the nuclei of proliferating cells such as Hodgkin s disease and non-Hodgkin s lymphomas, different forms of leukemias, breast and colorectal carcinomas, and PHA-stimulated lymphocytes. 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.

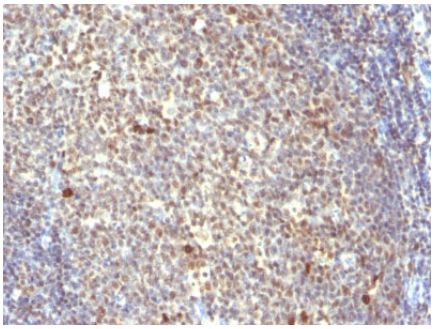
References

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. Mikhalap 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

Images

Formalin-fixed, paraffin-embedded human Tonsil stained with IPO-38 Monoclonal Antibody.





Formalin-fixed, paraffin-embedded human Tonsil stained with IPO-38 Monoclonal Antibody.