

## IPO-38 (Proliferation Marker) Antibody

Mouse Monoclonal Antibody [Clone IPO-38]

Catalog No	Format	Size
MSM1-697-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM1-697-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM1-697-P1BX	Purified Ab WITHOUT BSA at 1.0mg/ml	100 ug

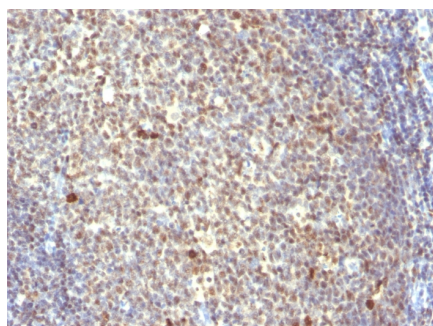
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

### Product Details

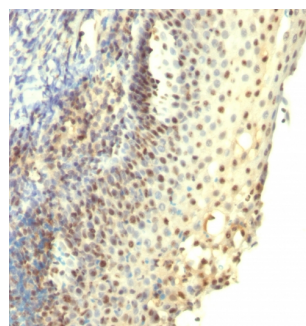
<b>Clone</b>	IPO-38
<b>Immunogen</b>	Spleen cells of a patient with hairy cell leukemia
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgM / Kappa
<b>Mol. Weight of Antigen</b>	14-16kDa
<b>Cellular Localization</b>	N/A
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Positive Control</b>	Raji and PHA-stimulated (>12 hours) human or mouse lymphocytes. Breast and colorectal carcinomas.

*\*Optimal dilution for a specific application should be determined.*

### Product Images for IPO-38 (Proliferation Marker) Antibody



Formalin-fixed, paraffin-embedded human Tonsil stained with IPO38 Monoclonal Antibody.



Formalin-fixed, paraffin-embedded human Tonsil stained with IPO38 Monoclonal Antibody.

### Specificity & Comments

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.

### Supplied As

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.

### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.