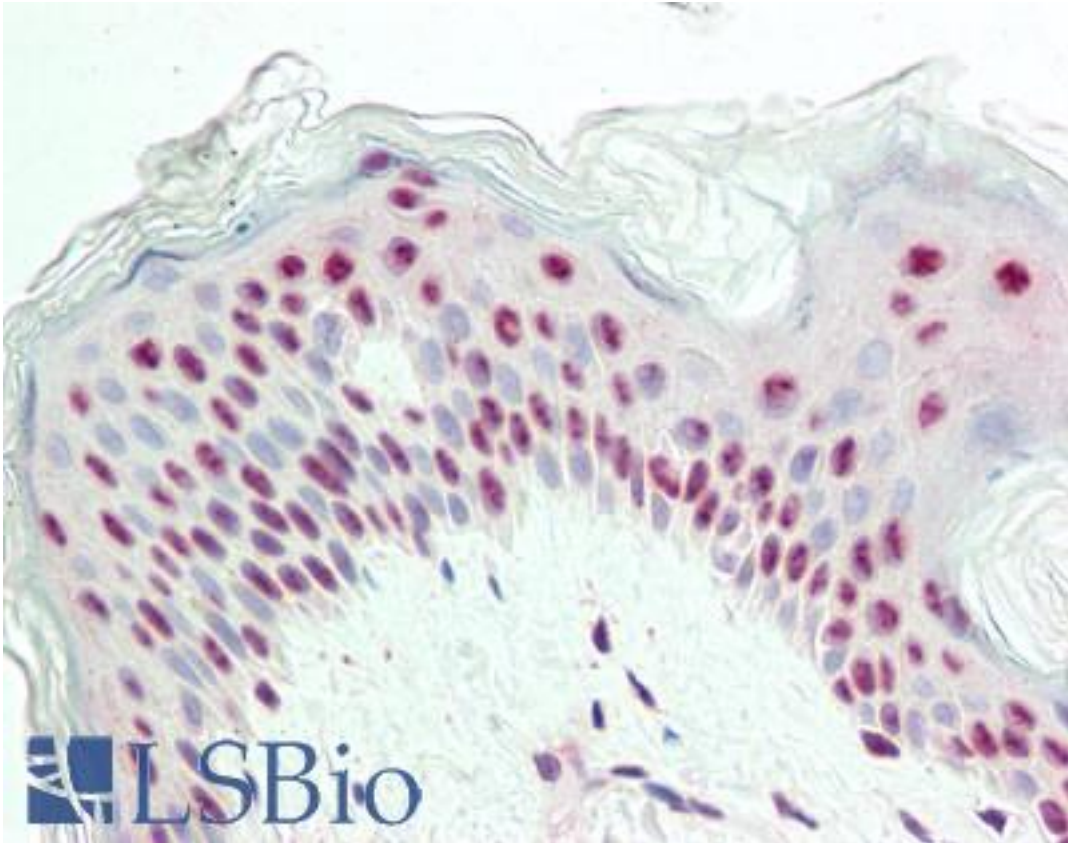


Proliferation Marker IPO-38 Mouse anti-Human Monoclonal (IPO-38) Antibody - LS-B10589 - LSBio	
CatalogID:	LS-B10589
Validation:	This antibody replaces catalog number LS-C59515. It has been validated for use in the following assays: IHC-P.
Target:	Proliferation Marker IPO-38
Host	Mouse
Clonality:	Monoclonal
Clone Name:	IPO-38
Immunogen Species:	Human
Antigen Type:	Cells
Immunogen:	Spleen cells of a human patient with hairy cell leukemia.
Specificity:	A 14 -16 kD protein as demonstrated by western blot analysis on the Raji cell line. This antigen was detected after 12 h of PHA-induced activation in the early G1 phase but absent in non-stimulated lymphocytes. Cross reactivity is likely to occur with mouse and rat. Reactivity with other sources has not been determined.
Reactivity:	Human
Purification:	Protein A purified
Presentation:	0.02 M potassium phosphate, 0.5 M sodium chloride, pH 7.2, 0.01% sodium azide.
Recommended Storage:	Long term: -20°C; Short term: -20°C
Usage Summary:	This antibody is suitable for ELISA, immunoprecipitation, western blotting and immunohistochemistry (frozen and formal in/paraffin). The antibody is reported to recognize a nuclear antigen that is present in the cytoplasm and nuclei of proliferating cells (paraformaldehyde fixed, Triton X-100 permeabilized). An increase of 400% is observed in cells in mitosis (determined by analysis of K562 cells synchronized with colcemide). IPO-38 does not block the binding of the Ki-67 antibody. Tonsillar tissue is typically used as a positive control.
Uses:	IHC - Paraffin (10 µg/ml), IHC - Frozen, Western blot (1:500 - 1:2000), Immunoprecipitation, ELISA (1:10000 - 1:50000) (Optimal dilution to be determined by the researcher)
Size:	50 µg

Immunohistochemistry Image:



Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

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