antibodies - online.com







anti-Nuclear Antigen antibody



Image



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Quantity:	100 μg
Target:	Nuclear Antigen (IPO-38)
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nuclear Antigen antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunoprecipitation (IP), ELISA, Western Blotting (WB)
Product Details	
Immunogen:	A BALB/c mouse was immunized with spleen cells of a human patient with hairy cell leukemia.
	Immunogentype:Native
Clone:	IPO-38
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Sterility:	Sterile filtered
Target Details	

Target Details

Target:	Nuclear Antigen (IPO-38)
Alternative Name:	IPO-38 (IPO-38 Products)
Background:	The specificity of mAb IPO-38 was demonstrated in different human and murine lymphoid and

non-lymphoid cell lines. It does not react with mononuclear cells and granulocytes of healthy donors but does react with nuclei of blood cells of patients with different forms of leukemia and with cells from lymph nodes of patients with Hodgkin's disease and non-hodgkin's lymphoma. Also a positive reaction in nuclei of breast and colorectal tumor cells was demonstrated. IPO-38 may be a good marker of cellular proliferation during monitoring of tumor progression. Synonyms: Non-histone chromosomal protein HMG-14 antibody, High-mobility group nucleosome-binding domain-containing protein 1 antibody, HMGN1 antibody, HMG14 antibody

Gene ID:

NCBI Accession:

NP_032277

UniProt:

P18608

Application Details

Application Notes:

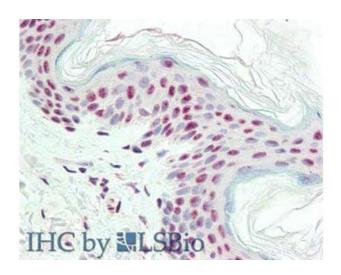
This antibody is suitable for ELISA, immunoprecipitation, western blotting and immunohistochemistry (frozen and formalin/paraffin). The antibody is reported to recognize a nuclear antigen that is present in the cytoplasm and nuclei of proliferating cells (paraformaldehyde fixed, Triton X-100 permeabilized). 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. Tonsilar tissue is typically used as a positive control.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.5 M Sodium Chloride, pH 7.2
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C



Immunohistochemistry

Image 1. Immunohistochemistry of Mouse anti-IPO-38 antibody. Tissue: skin. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: anti-IPO 38 antibody at 10 μg/mL for 1 h at RT. Secondary antibody: Peroxidase mouse secondary antibody at 1:10,000 for 45 min at RT. Staining: IPO-38 as precipitated red signal with hematoxylin purple nuclear counterstain.