

Datasheet for ABIN3025764
anti-Nuclear Antigen antibody[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Nuclear Antigen (IPO-38)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nuclear Antigen antibody is un-conjugated
Application:	Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Spleen cells from a patient with hairy cell leukemia were used as the immunogen for the IPO-38 antibody.
Clone:	IPO-38
Isotype:	IgM kappa
Purification:	PEG precipitation

Target Details

Target:	Nuclear Antigen (IPO-38)
Alternative Name:	IPO-38 (IPO-38 Products)
Background:	Recognizes a protein of 14-16 kDa, which is a novel nuclear antigen of proliferating cells. IPO38 antigen is present in the nuclei of proliferating cells such as Hodgkin s disease and non-

Target Details

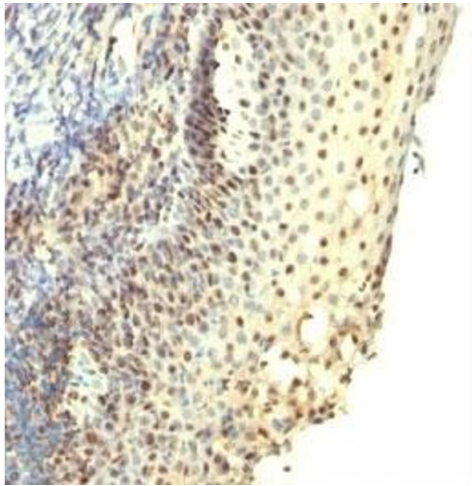
Hodgkin s lymphomas, different forms of leukemias, breast and colorectal carcinomas, and PHA-stimulated lymphocytes. It is not expressed in the cells of non-stimulated lymphocytes and granulocytes. IPO38 may be a useful marker of cell proliferation during monitoring of tumor progression.

Application Details

Application Notes:	Optimal dilution of the IPO-38 antibody should be determined by the researcher. 1. Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min. 2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.\. Flow Cytometry: 0.5-1 µg/million cells in 0.1ml,Immunofluorescence: 0.5-1 µg/mL,Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 min at RT (1),Prediluted format: incubate for 30 min at RT (2)
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	1 mg/mL in 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the IPO-38 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Formalin-fixed, paraffin-embedded human tonsil stained with IPO-38 antibody.