Datasheet for ABIN7658078

anti-Nuclear Antigen antibody

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Overview

Quantity:	100 µL
Target:	Nuclear Antigen (IPO-38)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nuclear Antigen antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	IPO-38(IPO-38)
Immunogen:	Spleen cells of a patient with hairy cell leukemia
Clone:	IPO-38
Isotype:	IgM, kappa
Characteristics:	Recognizes a protein of 14-16 kDa, 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. This antibody is available purified with BSA/azide at 200 µg/mL, or BSA/azide-free at 1 mg/mL.

Target Details

Target:	Nuclear Antigen (IPO-38)
Alternative Name:	IPO-38
Background:	Synonyms: Not Known Tissue Expression: Proliferating cells
Molecular Weight:	14-16 kDa

Application Details

Application Notes:	Immunofluorescence 0.5-1 µg/mL. Flow Cytometry 0.5-1 µg/million cells/0.1 mL
Comment:	Positive Control: Raji and PHA-stimulated (>12 hours) human or mouse lymphocytes. Breast and colorectal carcinomas.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	PBS, 0.05 % BSA, 0.05 % azide
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:	4 °C
Storage Comment:	Stable at room temperature or 37°C for 7 days. Store at 2 to 8°C. Protect fluorescent conjugates from light
Expiry Date:	24 months