

Mouse Anti-HTLV-1 p40 Monoclonal Antibody

Cat. No. CAB311 Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Mouse
Antigen Information	HTLV-1 is the etiological agent for Adult T-Cell Leukemia which encodes a 40kDa cell-transforming oncoprotein called Tax. HTLV-1 Tax protein sensitizes cells to apoptotic cell death induced by DNA damaging agents. Constitutive Activation of TAK1 by HTLV-1 Tax-dependent Overexpression of TAB2 Induces Activation of JNK-ATF2 but Not IKK-NF- κ B.
Immunogen	r.HTLV TAX protein.
Ig Subclass	Mouse IgG2a.
Purification Method	Ion exchange column.
Protein Concentration	1mg/ml in PBS (after reconstitution).
Titer	By direct ELISA (against recombinant gp24), 1:50,000 dilution will yield 0.5 O.D using alkaline phosphatase conjugated rabbit anti-mouse Ig (Jackson Laboratories).
Applications	Direct ELISA, Western Blot, Immunoprecipitation.

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Shipping Conditions	Antibody is shipped lyophilized at ambient temperature.
Stability / Shelf Life	Two years lyophilized, one month in solution at 4°C.
Reconstitution	Reconstitute with H ₂ O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.
Storage	In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.
GENE INFORMATION	
Gene Name	tax p40 [Human T-lymphotropic virus 1]
Synonyms	Tax; p40
Gene ID	1491938
Protein Refseq	NP_057864

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