



6352 CORTE DEL ABETO, STE B  
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**Antibody to HTLV-1 TAX**  
**MOUSE MONOCLONAL**

**Catalog Number:** PRP-290ANT  
**Quantity:** 500 micrograms, 1 milligram  
**Format:** Lyophilized  
**Host:** Mouse  
**Isotype:** IgG2a  
**Clone:** YRHTLV-1tax  
**Immunogen:** recombinant HTLV TAX protein

**Background:**

HTLV-1 is the etiological agent for adult T-cell leukemia, encoding the 40 kDa cell-transforming oncoprotein Tax. 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- $\kappa$ B.

**Specificity and Preparation:**

Anti-HTLV-1 TAX is purified by ion-exchange chromatography. The titer is determined by direct ELISA, a 1:50,000 dilution will yield an OD of 0.5 using an alkaline phosphatase secondary antibody.

**Usage and Storage:**

Reported to be effective for ELISA, immunoblotting (western blot), immunoprecipitation. Store lyophilized material at 4°C in a dry environment. Reconstitute with H<sub>2</sub>O. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Material is stable one month in solution at 4°C, two years lyophilized. Antibody is shipped lyophilized at ambient temperature.

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