

32-5944: Mouse Anti Human Adenylate Kinase-3 Like 1(Clone:PSJB3-36AT.)

Clonality :	Monoclonal
Clone Name :	PSJB3-36AT.
Application :	ELISA, WB, IHC
Gene :	AK4
Gene ID :	205
Uniprot ID :	P27144
Format :	Purified
Alternative Name :	AK3, Adenylate kinase 3 alpha like 1, AK3L1, AK4.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human AK3L1 mAb is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human AK3L1 purified from E. coli.

Description

AK3L1 is an affiliate of the adenylate kinase family of enzymes. AK3L1 enzyme is restricted to the mitochondrial matrix. Adenylate kinases-3 regulates the adenine and guanine nucleotide compositions within a cell by means of catalyzing the reversible transfer of phosphate group among these nucleotides. 5 different isozymes of adenylate kinase have been identified in vertebrates. The enzyme expression of various adenylate kinase isozymes is growth regulated and tissue-specific.

Product Info

Amount :	20 µg
Purification :	AK3L1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

AK3L1 antibody has been tested by ELISA, Western blot and immunohistochemistry analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:2,000. Recommended starting dilution is 1:1,000.