

## Mouse Monoclonal Antibody to PSIP1

Catalogue Number	sAP-0504
Target Molecule	<b>Name:</b> PSIP1 <b>Aliases:</b> p52; p75; PAIP; DFS70; LEDGF; PSIP2; MGC74712; PSIP1 <b>MW:</b> 75kDa <b>Entrez Gene ID:</b> 11168
Description	Transcriptional coactivator involved in neuroepithelial stem cell differentiation and neurogenesis. Involved in particular in lens epithelial cell gene regulation and stress responses. May play an important role in lens epithelial to fiber cell terminal differentiation. May play a protective role during stress-induced apoptosis. Isoform 2 is a more general and stronger transcriptional coactivator. Isoform 2 may also act as an adapter to coordinate pre-mRNA splicing. Cellular cofactor for lentiviral integration. Tissue specificity: Widely expressed. Expressed at high level in the thymus. Expressed in fetal and adult brain. Expressed in neurons, but not astrocytes. Markedly elevated in fetal as compared to adult brain. In the adult brain, expressed in the subventricular zone (SVZ), in hippocampus, and undetectable elsewhere. In the fetal brain, expressed
Immunogen	Purified recombinant fragment of human PSIP1 expressed in E. Coli.
Recitative Species	Human; Monkey; Rat
Clone	MM6E4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Virol. 2008 Dec;82(23):11555-67. ; 2. Proteins. 2008 Aug;72(2):635-45.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**