



PLAG1 mouse mAb

Catalog No	YP-mAb-17921
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PLAG1
Immunogen	Synthesized peptide derived from human PLAG1
Specificity	This antibody detects endogenous levels of PLAG1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	pleiomorphic adenoma gene 1;PSA;SGPA;Zinc finger protein PLAG1;PLAG1; Zinc finger protein PLAG1 (Pleiomorphic adenoma gene 1 protein)
Observed Band	56-60 kDa
Calculated Molecular Weight	500 aa, 56 kDa
Cell Pathway	Nucleus . Strong nucleolar localization when sumoylation is inhibited.
Tissue Specificity	Expressed in fetal tissues such as lung, liver and kidney. Not detected or weak detection in normal adult tissues, but highly expressed in salivary gland with benign or malignant pleiomorphic adenomas with or without 8q12 aberrations, with preferential occurrence in benign tumors.
Function	Transcription factor whose activation results in up-regulation of target genes, such as IGFII, leading to uncontrolled cell proliferation: when overexpressed in cultured cells, higher proliferation rate and transformation are observed. Other target genes such as CRLF1, CRABP2, CRIP2, PIGF are strongly induced in cells with PLAG1 induction. Proto-oncogene whose ectopic expression can trigger the development of pleomorphic adenomas of the salivary gland and lipoblastomas. Overexpression is associated with up-regulation of IGFII, is frequently observed in hepatoblastoma, common primary liver tumor in childhood. Cooperates with CBFB-MYH11, a fusion gene important for myeloid



leukemia.

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images