

PLAG1 Antibody (monoclonal) (M02)
Mouse monoclonal antibody raised against a partial recombinant PLAG1.
Catalog # AT3333a

Specification

PLAG1 Antibody (monoclonal) (M02) - Product Information

Application	WB, E
Primary Accession	Q6DJT9
Other Accession	NM_002655
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	55909

PLAG1 Antibody (monoclonal) (M02) - Additional Information

Gene ID 5324

Other Names

Zinc finger protein PLAG1, Pleiomorphic adenoma gene 1 protein, PLAG1

Target/Specificity

PLAG1 (NP_002646, 2 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

PLAG1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

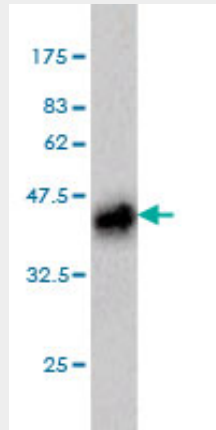
PLAG1 Antibody (monoclonal) (M02) - Protocols

Provided below are standard protocols that you may find useful for product applications.

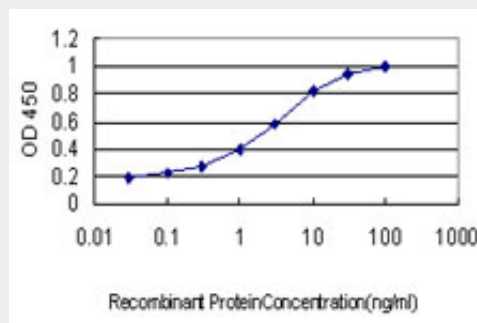
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PLAG1 Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .



Detection limit for recombinant GST tagged PLAG1 is approximately 0.03ng/ml as a capture antibody.

PLAG1 Antibody (monoclonal) (M02) - Background

Pleomorphic adenoma gene 1 encodes a zinc finger protein with 2 putative nuclear localization signals. PLAG1, which is developmentally regulated, has been shown to be consistently rearranged in pleomorphic adenomas of the salivary glands. PLAG1 is activated by the reciprocal chromosomal translocations involving 8q12 in a subset of salivary gland pleomorphic adenomas. Three transcript variants encoding two different isoforms have been found for this gene.

PLAG1 Antibody (monoclonal) (M02) - References

1. miRNA deregulation by epigenetic silencing disrupts suppression of the oncogene PLAG1 in chronic lymphocytic leukemia. Pallasch CP, Patz M, Park YJ, Hagist S, Eggle D, Claus R, Debey-Pascher S, Schulz A, Frenzel LP, Claasen J, Kutsch N, Krause G, Mayr C, Rosenwald A, Plass C, Schultze JL, Hallek M, Wendtner CM. Blood. 2009 Oct 8;114(15):3255-64. Epub 2009 Aug 19.