

## ARG45261 anti-PLAGL1 / ZAC antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Polyclonal antibody recognizes Plagl1
Tested Reactivity	Ms
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	Plagl1
Species	Mouse
Immunogen	Recombinant protein containing to mouse Plagl1.
Conjugation	Un-conjugated
Alternate Names	LOT1; ZAC; Pleiomorphic Adenoma Gene-Like 1; Zinc Finger Protein PLAGL1; Lost On Transformation 1; Tumor Suppressor ZAC; Pleiomorphic Adenoma-Like Protein 1; PLAG-Like 1; LOT-1; ZAC1

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	51 kDa	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

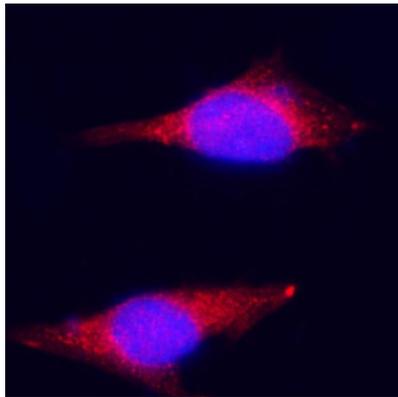
**Note**

For laboratory research only, not for drug, diagnostic or other use.

**Bioinformation**

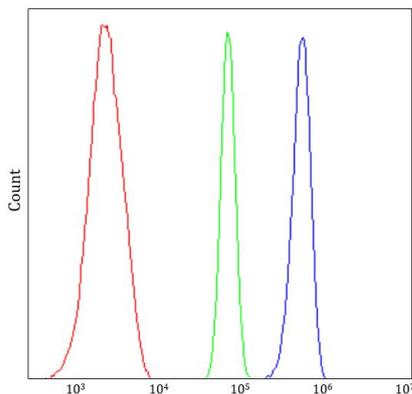
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Gene Symbol	Plagl1
Gene Full Name	PLAG1 Like Zinc Finger 1
Background	This gene encodes a C2H2 zinc finger protein that functions as a suppressor of cell growth. This gene is often deleted or methylated and silenced in cancer cells. In addition, overexpression of this gene during fetal development is thought to be the causal factor for transient neonatal diabetes mellitus (TNDM). Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding two different protein isoforms. The P1 downstream promoter of this gene is imprinted, with preferential expression from the paternal allele in many tissues. [provided by RefSeq, Nov 2015]
Function	Involved in the transcriptional regulation of type 1 receptor for pituitary adenylate cyclase-activating polypeptide. [UniProt]
Calculated Mw	51 kDa
Cellular Localization	Nucleus. [UniProt]

**Images**

ARG45261 anti-PLAGL1 / ZAC antibody ICC/IF image

Immunofluorescence: RM1 stained with ARG45261 anti-PLAGL1 / ZAC antibody at 5 ug/ml dilution.



ARG45261 anti-PLAGL1 / ZAC antibody FACS image

Flow Cytometry: ANA-1 stained with ARG45261 anti-PLAGL1 / ZAC antibody at 1 µg/10<sup>6</sup> cells dilution.

ARG45261 anti-PLAGL1 / ZAC antibody WB image

Western blot: Mouse heart stained with ARG45261 anti-PLAGL1 / ZAC antibody at 0.5 µg/ml dilution.

