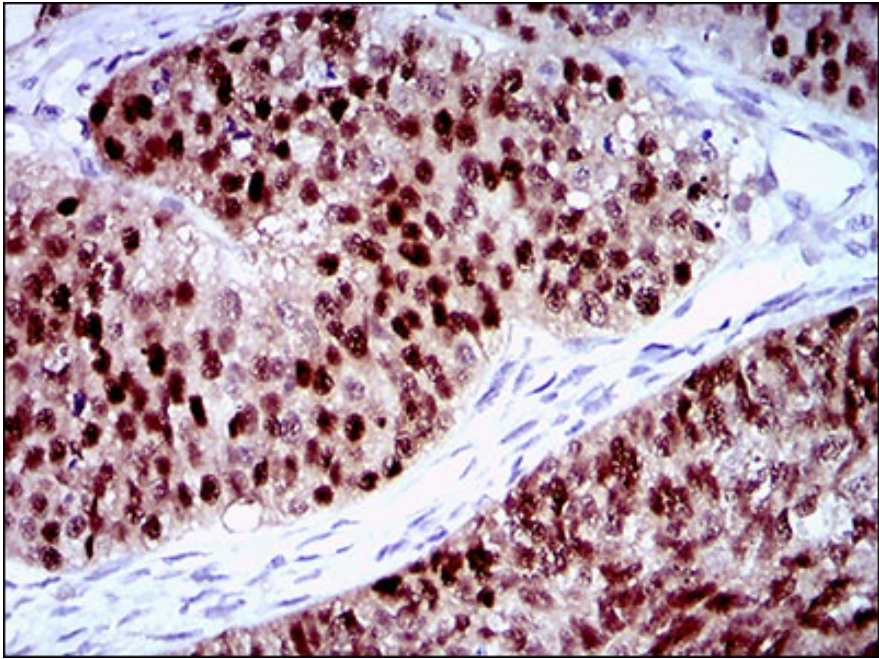
	<h1>PLAGL1 Mouse mAb</h1>	E 2 2 2 0 8 4 3
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Swiss-Prot No.:	Q9UM63
Altername:	PLAGL1
Storage/Stability:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Immunogen:	Purified recombinant fragment of human PLAGL1 (AA: 118-222) expressed in E. Coli.
Purification:	Affinity purified
Reactivity:	Human
Other Names:	ZAC; LOT1; ZAC1
Background:	<p>This gene encodes a C2H2 zinc finger protein with transactivation and DNA-binding activities. It has been shown to have anti-proliferative properties, and thus thought to function as a tumor suppressor. In addition, overexpression of this gene during fetal development is believed to underlie the rare disorder, transient neonatal diabetes mellitus (TNDM).</p> <p>This gene is imprinted, with preferential expression of the paternal allele in many tissues, however, biallelic expression has been noted in peripheral blood leucocytes. A recent study reports that tissue-specific imprinting results from variable utilization of monoallelic and biallelic promoters. Many transcript variants differing in the 5' UTR and encoding two different isoforms, have been found for this gene.</p>

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Gene ID:	5325
Cellular localization:	Nucleus
Source:	Mouse
Antibody type:	Monoclonal antibody
Isotype:	Mouse IgG1
Molecular Weight:	50.8kDa
Preservative:	Purified antibody in PBS with 0.05% sodium azide
Recommended Dilutions:	WB: 1/500 - 1/2000; IHC: 1/200 - 1/1000; ICC: N/A; FCM: N/A; Elisa: 1/10000
Clone Number:	8D8C5
	
	Immunohistochemistry analysis of paraffin-embedded ovarian cancer tissues using PLAGL1 antibody with DAB staining. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.