



[Go to Product page](#)

Datasheet for ABIN1724869

## anti-PLAGL1 antibody (AA 118-222)

4 Images

1 Publication

### Overview

Quantity:	0.1 mg
Target:	PLAGL1
Binding Specificity:	AA 118-222
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PLAGL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Purified recombinant fragment of human PLAGL1 (AA: 118-222) expressed in E. coli.
Clone:	8D8C5
Isotype:	IgG1
Purification:	purified

### Target Details

Target:	PLAGL1
Alternative Name:	PLAGL1 ( <a href="#">PLAGL1 Products</a> )
Background:	Description: 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

## Target Details

---

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). 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. ,

Aliases: ZAC, LOT1, ZAC1

---

Molecular Weight: 50.8 kDa

---

Gene ID: 5325

---

HGNC: 5325

## Application Details

---

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Buffer: Purified antibody in PBS with 0.05 % sodium azide

---

Preservative: Sodium azide

---

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

Storage: 4 °C/-20 °C

---

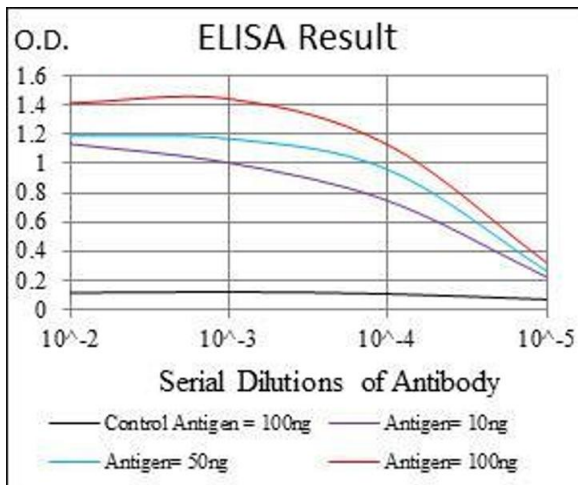
Storage Comment: 4°C, -20°C for long term storage

## Publications

---

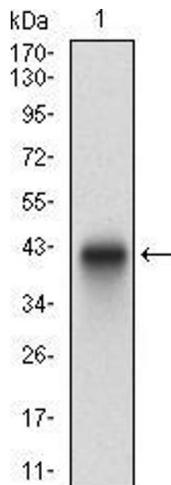
Product cited in: Nunez, Siegal, Reddy, Wei: "CD138 (syndecan-1) expression in bone-forming tumors." in: **American journal of clinical pathology**, Vol. 137, Issue 3, pp. 423-8, (2012) ([PubMed](#)).

Karasneh, Ali, Shukla: "An important role for syndecan-1 in herpes simplex virus type-1 induced cell-to-cell fusion and virus spread." in: **PLoS ONE**, Vol. 6, Issue 9, pp. e25252, (2011) ([PubMed](#)).



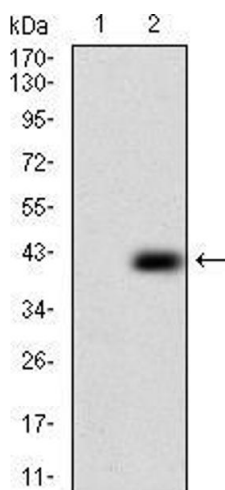
### ELISA

**Image 1.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



### Western Blotting

**Image 2.** Western blot analysis using PLAGL1 mAb against human PLAGL1 recombinant protein. (Expected MW is 37.5 kDa)



### Western Blotting

**Image 3.** Western blot analysis using PLAGL1 mAb against HEK293 (1) and PLAGL1 (AA: 118-222)-hlgGfc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1724869.