abcam

Product datasheet

Anti-PLAGL1 / ZAC antibody [8D8C5] ab181457

1 Abreviews 3 Images

Overview

Product name	Anti-PLAGL1 / ZAC antibody [8D8C5]
Description	Mouse monoclonal [8D8C5] to PLAGL1 / ZAC
Host species	Mouse
Tested applications	**Suitable for:** WB, IHC-P
Species reactivity	**Reacts with:** Human **Predicted to work with:** Pig
Immunogen	Recombinant fragment corresponding to Human PLAGL1/ ZAC aa 100-250. (Expressed in E.coli). Database link: **Q9UM63** Run BLAST with Run BLAST with
Positive control	Human PLAGL1 / ZAC recombinant protein; PLAGL1 / ZAC (aa: 118-222)-hIgGFc transfected HEK293 cell lysate; Human ovarian cancer tissue.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituent: 99% PBS Contains 0.5% protein stabilizer (Amino acid =85%, pH(1% water solution) =7.0~7.5, Water =2%, As(mg/kg) =0.5, Pb(mg/kg) =0.1)
Purity	Protein G purified

Purification notes	Purified from tissue culture supernatant.
Clonality	Monoclonal
Clone number	8D8C5
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab181457 in the following tested applications.

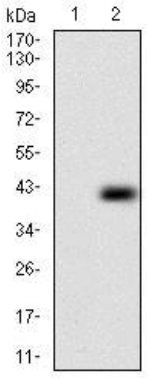
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 51 kDa.
IHC-P		1/200 - 1/1000.

Target

Function	Shows weak transcriptional activatory activity. Transcriptional regulator of the type 1 receptor for pituitary adenylate cyclase-activating polypeptide.
Sequence similarities	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 7 C2H2-type zinc fingers.
Cellular localization	Nucleus.

Images



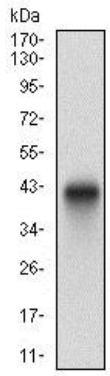
Western blot - Anti-PLAGL1 / ZAC antibody [8D8C5] (ab181457)

All lanes : Anti-PLAGL1 / ZAC antibody [8D8C5] (ab181457) at 1/500 dilution

Lane 1 : HEK293 cell lysate

Lane 2 : PLAGL1 / ZAC (aa: 118-222)-hIgGFc transfected HEK293 cell lysate

Predicted band size: 51 kDa

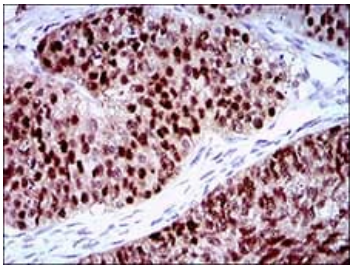


Western blot - Anti-PLAGL1 / ZAC antibody [8D8C5] (ab181457)

Anti-PLAGL1 / ZAC antibody [8D8C5] (ab181457) at 1/500 dilution + Human PLAGL1 / ZAC recombinant protein

Predicted band size: 51 kDa

Expected MWt is 37.5 kDa.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PLAGL1 / ZAC antibody [8D8C5] (ab181457)

Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue labeling PLAGL1 / ZAC with ab181457 at 1/200 dilution, with DAB staining.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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