

For Research Use Only

PLAGL2 Monoclonal antibody

Catalog Number: 68606-1-Ig



Basic Information

Catalog Number: 68606-1-Ig	GenBank Accession Number: BC023655	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5326	CloneNo.: 3C2E5
Source: Mouse	Full Name: pleiomorphic adenoma gene-like 2	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Calculated MW: 496 aa, 55 kDa	
Immunogen Catalog Number: AG30227	Observed MW: 50-55 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Caco-2 cells, rabbit testis tissue, Caco-2, COLO320, HepG2, MOLT-4, Ramos, HL-60
Species Specificity: Human, rabbit	

Background Information

PLAGL2, also named KIAA0198, belongs to the krueppel C2H2-type zinc-finger protein family. It shows weak transcriptional activatory activity. PLAGL2, a proto-oncogene, is implicated in a variety of cancers including acute myeloid leukemia (AML), malignant glioma, colon cancer, and lung adenocarcinoma. PLAGL2 can function as a tumor suppressor by initiating cell cycle arrest and apoptosis. The calculated molecular weight of PLAGL2 is 55 kDa, but the SUMO1-modified form is 68 kDa (PMID: 30535429).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

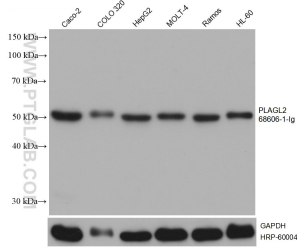
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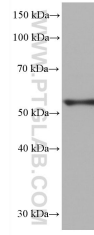
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68606-1-Ig (PLAGL2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



rabbit testis tissue were subjected to SDS PAGE followed by western blot with 68606-1-Ig (PLAGL2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.