

For Research Use Only

PLAP Monoclonal antibody, PBS Only



Catalog Number: 60294-1-PBS

Featured Product

Basic Information

Catalog Number: 60294-1-PBS	GenBank Accession Number: BC009647	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 250	CloneNo.: 2B7C9
Source: Mouse	UNIPROT ID: P05187	
Isotype: IgG1	Full Name: alkaline phosphatase, placental (Regan isozyme)	
Immunogen Catalog Number: AG13361	Calculated MW: 58 kDa	
	Observed MW: 66 kDa	

Applications

Tested Applications:
WB, FC, IHC, Indirect ELISA

Species Specificity:
human

Background Information

Placental alkaline phosphatase (PLAP) is a glycosyl phosphatidylinositol (GPI)-anchored sialoglycoprotein, which shows greater resistance to heat inactivation than other alkaline phosphatase. Presented at high levels in placental trophoblasts, PLAP is recognized as an important marker of differentiation in human malignancies.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

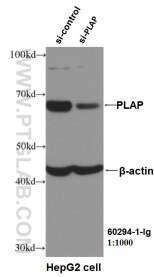
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

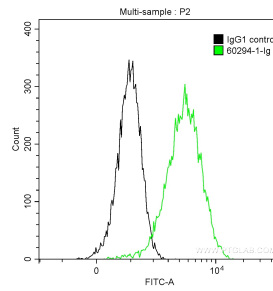
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

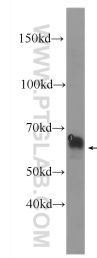
Selected Validation Data



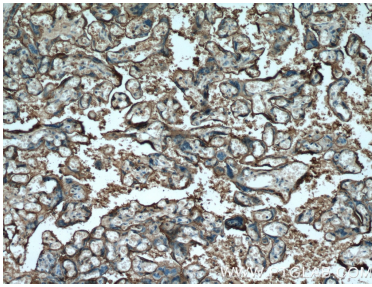
WB result of PLAP antibody (60294-1-Ig, 1:1000) with si-control and si-PLAP transfected HepG2 cells. This data was developed using the same antibody clone with 60294-1-PBS in a different storage buffer formulation.



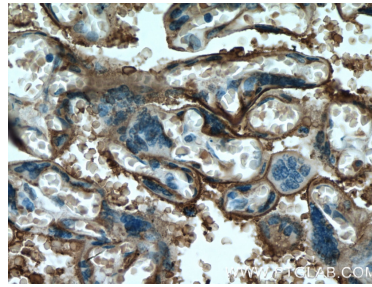
1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug Anti-Human PLAP (60294-1-Ig, Clone:2B7C9) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (black). Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100. This data was developed using the same antibody clone with 60294-1-PBS in a different storage buffer formulation.



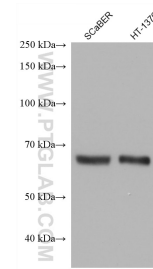
HepG2 cells were subjected to SDS PAGE followed by western blot with 60294-1-Ig (PLAP antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60294-1-PBS in a different storage buffer formulation.



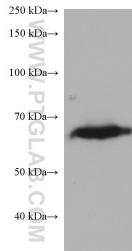
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 60294-1-Ig (PLAP antibody at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 60294-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 60294-1-Ig (PLAP antibody at dilution of 1:100 (under 40x lens). This data was developed using the same antibody clone with 60294-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 60294-1-Ig (PLAP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60294-1-PBS in a different storage buffer formulation.



human placenta tissue were subjected to SDS PAGE followed by western blot with 60294-1-Ig (PLAP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60294-1-PBS in a different storage buffer formulation.