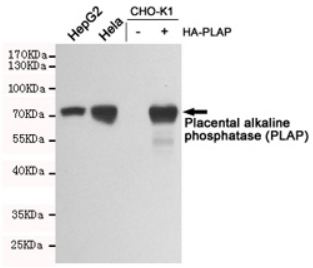
PLAP Antibody [clone 8A11-C11-C9] (F54020)

Catalog No.	Formulation	Size
F54020-0.1ML	In PBS with 50% glycerol and 0.03% ProClin 300	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	8A11-C11-C9
Purity	Protein G affinity
UniProt	P05187
Applications	Western blot: 1:1000
Limitations	This PLAP antibody is available for research use only.



PLAP Antibody Multi-Cell Line WB. Western blot analysis of HepG2, HeLa, untransfected CHO-K1, and PLAP-transfected CHO-K1 cell lysates using PLAP Antibody detects a strong band at approximately 65-70 kDa in HepG2, HeLa, and PLAP-transfected CHO-K1 samples, while untransfected CHO-K1 cells show minimal signal. The observed banding pattern is consistent with expression of placental alkaline phosphatase / ALPP and supports specificity of this germ cell tumor marker antibody for PLAP-expressing cellular populations. The apparent molecular weight is consistent with the heavily glycosylated nature of this membrane-associated alkaline phosphatase family member.

Description

PLAP, Placental Alkaline Phosphatase, is a tissue specific, trophoblast-derived, 70kDa, glycosyl-phosphatidylinositol (GPI)-anchored, dimeric, Zn2+ metallo glycoprotein that catalyzes the hydrolysis of phosphomonoesters into an inorganic phosphate and an alcohol.

For a clone-defined placental marker antibody with extensive placenta-positive and normal tissue-negative

immunohistochemistry validation data, see our ALPP Antibody / Placental Marker Antibody page featuring clone rALP/870.

Application Notes

The stated application concentrations are suggested starting points. Titration of the PLAP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A human recombinant partial protein was used as the immunogen for this PLAP antibody.

Storage

Store the PLAP antibody at -20oC.

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