

PSAP monoclonal antibody

Catalog: MB22948

Host: Mouse

Reactivity: Human, Rat

BackGround:

This gene encodes a highly conserved preproprotein that is proteolytically processed to generate four main cleavage products including saposins A, B, C, and D. Each domain of the precursor protein is approximately 80 amino acid residues long with nearly identical placement of cysteine residues and glycosylation sites. Saposins A-D localize primarily to the lysosomal compartment where they facilitate the catabolism of glycosphingolipids with short oligosaccharide groups. The precursor protein exists both as a secretory protein and as an integral membrane protein and has neurotrophic activities. Mutations in this gene have been associated with Gaucher disease and metachromatic leukodystrophy. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

58.1kDa

Swiss-Prot:

P07602

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200-1/1000

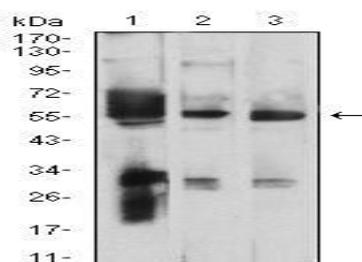
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

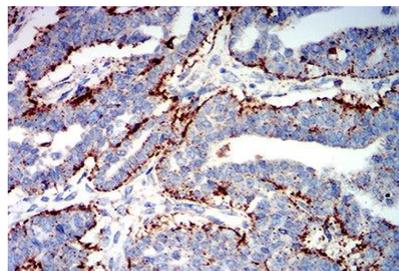
Isotype:

Mouse IgG1

DATA:



Western blot analysis using PSAP mouse mAb against HEK293 (1), C6 (2), and HT1080 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using PSAP mouse mAb with DAB staining.

Note:

For research use only, not for use in diagnostic procedure.

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