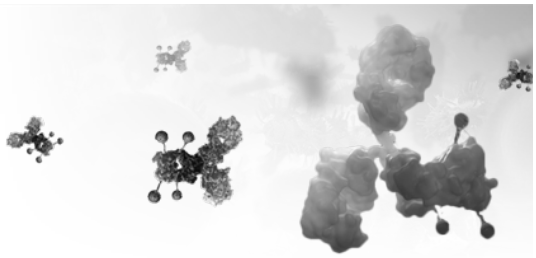

Mouse anti-Human GPI-Phospholipase D monoclonal antibody, clone 26/HQJ (CABT-B9214)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Human GPI-Phospholipase D aa.706-841
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	26/HQJ
Purification	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Conjugate	Unconjugated
Applications	WB; IF; IHC
Format	Liquid
Concentration	250 μg/ml
Size	50 μg
Buffer	Aqueous buffered solution containing BSA, glycerol, and ≤0.09% sodium azide.
Storage	Store undiluted at -20°C.

BACKGROUND

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Introduction	Glycosylphosphatidylinositol (GPI)-anchored proteins are involved in the regulation of numerous cell-surface activities including the complement cascade, activation of plasminogen, T-cell activation, cell-to-cell adhesion, and macromolecule transport through the membrane. GPI-containing proteins are very abundant at the caveolae. GPI-specific phospholipase D (GPI-PLD) hydrolyzes the covalently bound GPI moiety which functions as an anchor for many cell-surface proteins. Present at high levels in the plasma, GPI-PLD is also secreted by some cell types in culture. This protein releases the GPI-anchored, complement regulatory protein decay accelerating factor (DAF) from HeLa cells, as well as the basic fibroblast growth factor (bFGF)-bound heparin sulfate proteoglycan from bone marrow stromal cells. GPI-PLD contains Ca2+ and Zn2+ binding sites and bears some further structural and perhaps functional similarities to the integrins.
Keywords	GPLD1; glycosylphosphatidylinositol specific phospholipase D1; PLD; GPIPLD; PIGPLD; GPIPLDM; PIGPLD1; phosphatidylinositol-glycan-specific phospholipase D; GPI-PLD; PI-G PLD; GPI-specific phospholipase D; glycoprotein phospholipase D; glycosylphosphatidylinositol specific phospholipase D1, isoform 2;

GENE INFORMATION

Entrez Gene ID	2822
UniProt ID	P80108

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