

Datasheet for ABIN7184495
anti-PLG antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PLG
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from N-terminal of Human PLG.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	PLG
Alternative Name:	PLG (PLG Products)
Background:	Background: Plasmin dissolves the fibrin of blood clots and acts as a proteolytic factor in a

Target Details

variety of other processes including embryonic development, tissue remodeling, tumor invasion, and inflammation. In ovulation, weakens the walls of the Graafian follicle. It activates the urokinase-type plasminogen activator, collagenases and several complement zymogens, such as C1 and C5. Cleavage of fibronectin and laminin leads to cell detachment and apoptosis. Also cleaves fibrin, thrombospondin and von Willebrand factor. Its role in tissue remodeling and tumor invasion may be modulated by CSPG4. Binds to cells. Angiostatin is an angiogenesis inhibitor that blocks neovascularization and growth of experimental primary and metastatic tumors in vivo.

Petersen T.E., J. Biol. Chem. 265:6104-6111(1990).

Forsgren M., FEBS Lett. 213:254-260(1987).

Browne M.J., Submitted (OCT-1991) to the EMBL/GenBank/DDBJ databases.

Aliases: Plasmin antibody, Plasmin heavy chain A antibody, Plasmin light chain B antibody, Plasminogen antibody, PLG antibody, PLMN_HUMAN antibody

UniProt: [P00747](#)

Pathways: [Complement System](#), [Lipid Metabolism](#)

Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

Handling

Format: Liquid

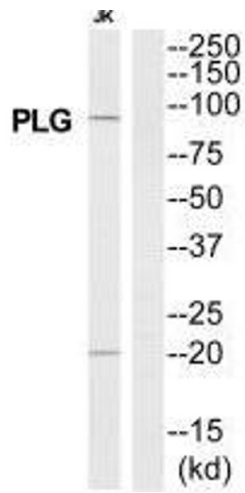
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, using PLG antibody.