

Rabbit anti-Human PLG Polyclonal Antibody | anti-PLG antibody

PLG Antibody (C-term)

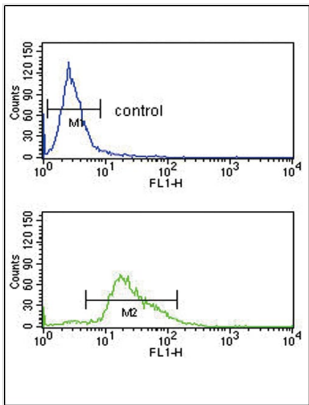
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288656	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

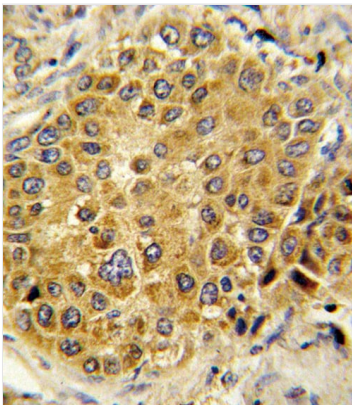
PLG; Polyclonal Antibody; PLG Antibody (C-term); Plasminogen; Plasmin heavy chain A; Activation peptide; Angiostatin; short form; Plasmin light chain B; anti-PLG antibody

PRODUCT SPECIFICATIONS

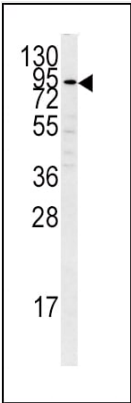
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PLG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 636-665 amino acids from the C-terminal region of human PLG.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	636-665
Sequence Length	810
Applicable Applications for anti-PLG antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PLG Antibody (C-term) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with PLG Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PLG antibody (C-term) in K562 cell line lysates (35ug/lane). PLG (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PLG antibody	PLG is a circulating zymogen that is converted to the active enzyme plasmin by cleavage of the peptide bond between arg560 and val561, which is mediated by urokinase and tissue plasminogen activator. The main function of this protein is to dissolve fibrin clots. The protein, like trypsin, belongs to the family of serine proteinases.
Product Categories/Family for anti-PLG antibody	Cancer; Cardiovascular; Cell biology
References	Hofmann,S.C., Voith,U. J. Invest. Dermatol. 129 (7), 1730-1739 (2009) Passero,C.J., Mueller,G.M. J. Biol. Chem. 283 (52), 36586-36591 (2008) Ohyama,S., Harada,T. Eur. J. Biochem. 271 (4), 809-820 (2004) Lee,H., Kim,H.K. Arch. Biochem. Biophys. 375 (2), 359-363 (2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505881
NCBI GeneID	5340
NCBI Accession #	NP_000292.1
NCBI GenBank Nucleotide #	NM_000301.3
UniProt Accession #	P00747; Q15146; Q5TEH4; Q6PA00

Molecular Weight	90569
NCBI Official Full Name	plasminogen isoform 1
NCBI Official Synonym Full Names	plasminogen
NCBI Official Symbol	PLG
NCBI Protein Information	plasminogen
UniProt Protein Name	Plasminogen
UniProt Gene Name	PLG
UniProt Entry Name	PLMN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/plg-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288656>