



# Magic™ Anti-Angiostatin monoclonal antibody, clone F22 (DMAB-L21042)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with full-length recombinant human angiostatin.
<b>Antigen Description</b>	Plasmin is an important enzyme present in blood that degrades many blood plasma proteins, including fibrin clots. The degradation of fibrin is termed fibrinolysis. In humans, the plasmin protein is encoded by the PLG gene.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	F22
<b>Purification</b>	Chromatography on protein G Sepharose
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Recommended pair for sandwich immunoassay (capture-detection): DMAB-L21041 – DMAB-L21042
<b>Buffer</b>	PBS, pH 7.4, 0.1 % sodium azide (NaN <sub>3</sub> )
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	4°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PLG plasminogen [ Homosapiens ]</a>
<b>Official Symbol</b>	PLG
<b>Synonyms</b>	DKFZp779M0222; PLG; plasminogen Plasmin; OTTHUM- P00000017544; OTTHUMP00000017545; OTTHUMP- 00000197002
<b>Entrez Gene ID</b>	<a href="#">5340</a>
<b>Protein Refseq</b>	<a href="#">NP_000292</a>
<b>UniProt ID</b>	<a href="#">P00747</a>
<b>Chromosome Location</b>	6q26
<b>Pathway</b>	Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Formation of
<b>Function</b>	apolipoprotein binding; cell surface binding; peptidase activity; protein binding; serine-type endopeptidase activity; serine-type endopeptidase activity; serine-type endopeptidase activity