



Magic™ Anti-Angiostatin monoclonal antibody, clone D6 (DMAB-L21041)

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

PRODUCT INFORMATION

Product Overview	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.
Antigen Description	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.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	D6
Purification	Chromatography on protein G Sepharose
Conjugate	Unconjugated
Applications	Recommended pair for sandwich immunoassay (capture-detection): DMAB-L21041 – DMAB-L21042
Buffer	PBS, pH 7.4, 0.1 % sodium azide (NaN ₃)
Preservative	0.1% Sodium Azide
Storage	4°C

GENE INFORMATION

Gene Name	PLG plasminogen [Homosapiens]
Official Symbol	PLG
Synonyms	DKFZp779M0222; PLG; plasminogen Plasmin; OTTHUM- P00000017544; OTTHUMP00000017545; OTTHUMP- 00000197002
Entrez Gene ID	5340
Protein Refseq	NP_000292
UniProt ID	P00747
Chromosome Location	6q26
Pathway	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
Function	apolipoprotein binding; cell surface binding; peptidase activity; protein binding; serine-type endopeptidase activity; serine-type endopeptidase activity; serine-type endopeptidase activity