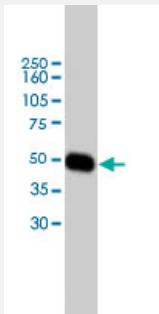


# SERPINF1 monoclonal antibody, clone 14K

Catalog # MAB1712      Size 50 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of extract from retinal pigment epithelium, using SERPINF1 monoclonal antibody, clone 14K (Cat # MAB1712).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against synthetic peptide of SERPINF1.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to human SERPINF1.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgG1
<b>Quality Control Testing</b>	Antibody Reactive Against Synthetic Peptide.
<b>Recommend Usage</b>	Western Blot (5 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.1% BSA, 0.1% proclin)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of extract from retinal pigment epithelium, using SERPINF1 monoclonal antibody, clone 14K (Cat # MAB1712) .

## Gene Info — SERPINF1

Entrez GeneID	<a href="#">5176</a>
Gene Name	SERPINF1
Gene Alias	EPC-1, PEDF, PIG35
Gene Description	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1
Omim ID	<a href="#">172860</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The PEDF gene is a member of the serpin gene family. Serpins are a group of serine protease inhibitors, some of which have also been reported to exhibit neurotrophic activity.[supplied by OMIM]
Other Designations	pigment epithelium-derived factor proliferation-inducing protein 35 serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1

## Publication Reference

- [Loss of the antiangiogenic pigment epithelium-derived factor in patients with angiogenic eye disease.](#)

Spranger J, Osterhoff M, Reimann M, Mohlig M, Ristow M, Francis MK, Cristofalo V, Hammes HP, Smith G, Boulton M, Pfeiffer AF.

Diabetes 2001 Dec; 50(12):2641.

Application: ELISA, IHC, WB-Re, WB-Tr, Human, Intraocular samples, Recombinant protein, Retinal samples, Vitreal samples

- [Pigment epithelium-derived factor: a potent inhibitor of angiogenesis.](#)

Dawson DW, Volpert OV, Gillis P, Crawford SE, Xu H, Benedict W, Bouck NP.

Science 1999 Jul; 285(5425):245.

Application: Func, IHC, WB-Ce, WB-Tr, Human, Mouse, Human dermal microvascular endothelial cells, Mouse retinas, WERI-Rb-1 cells

- [Recombinant human pigment epithelium-derived factor \(PEDF\): characterization of PEDF overexpressed and secreted by eukaryotic cells.](#)

Stratikos E, Alberdi E, Gettins PG, Becerra SP.

Protein Science 1996 Dec; 5(12):2575.

## Disease

- [Cardiovascular Diseases](#)
- [Choroid Diseases](#)
- [Choroidal Neovascularization](#)
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- [Diabetes Mellitus](#)
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