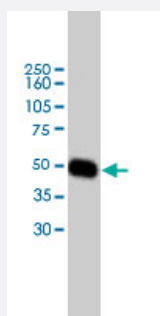


SERPINF1 monoclonal antibody, clone 14K

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

Product Description	Mouse monoclonal antibody raised against synthetic peptide of SERPINF1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human SERPINF1.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.1% BSA, 0.1% proclin)
Storage Instruction	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	5176
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	172860
Gene Ontology	Hyperlink
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.

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