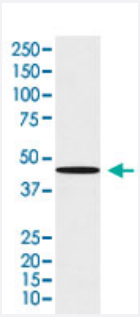
# SERPINF1 monoclonal antibody, clone AFED-19

Catalog # MAB22186 Size 100 uL

## Applications




### Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of K-562 cell lysate.

## Specification

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|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against synthetic protein of human SERPINF1. |
| **Immunogen** | A synthetic peptide corresponding to human SERPINF1. |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Specificity** | This antibody reacts with human SERPINF1, in native form and recombinant. Superfamily members of SERPINF1 are not reactive to antibody. |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Western Blot (1:500-2000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide). |

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|---|---|
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

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- Western Blot (Cell lysate)

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## Gene Info — SERPINF1

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|---|---|
| **Entrez GeneID** | 5176 |
| **Protein Accession#** | P36955 |
| **Gene Name** | SERPINF1 |
| **Gene Alias** | EPC-1, PEDF, PIG35 |
| **Gene Description** | serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), mem ber 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 in hibitors, 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 |

## Disease

- Cardiovascular Diseases
- Choroid Diseases
- Choroidal Neovascularization
- Colorectal Neoplasms

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- Diabetes Mellitus
- Diabetic Angiopathies
- Diabetic Retinopathy
- Edema
- Genetic Predisposition to Disease
- Macular Degeneration
- Retinopathy of Prematurity

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