



20150116ML

Anti-Mouse Serpin F1 (#3E33)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	103-M470
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat) immunized with mouse recombinant protein of Serpin F1 (also called Proteinase Nexin 1, PN1).

Target Background

Synonyms (Target):	Serpinf1; Pedf; Sdf3; EPC-1; Pedfl; AI195227
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The human serpin superfamily consists of at least 35 members that target not only serine proteases, but also selected cysteine proteases and non-protease proteins. Serpins bind the protease active site resulting in a major conformational rearrangement that traps the enzyme in a covalent acyl-enzyme intermediate. As protease inhibitors, serpins have an array of functions including regulating blood clotting, the complement pathway, extracellular matrix remodeling, and cell motility. They are also involved in activities that extend beyond their ability to inhibit proteases. For instance, they may also regulate blood pressure, angiogenesis, or act as storage/transport proteins.

Database References Target

Protein RefSeq:	NP_035470.3
Uniprot ID:	P97298
mRNA RefSeq:	NM_011340.3

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#3E33)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	recombinant mouse Serpin-F1
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody detects specifically mouse Serpin F1 with WB.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:
WB

Recommended usage:

WB: 1:100-500

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!