

## Product Information

### Anti-SERPINB10

Produced in rabbit, Affinity Isolated Antibody

Product Number **S 9570**

### Product Description

Anti-SERPINB10 is produced in rabbit using as immunogen a peptide corresponding to the human SERPINB10 protein (amino acids 316-330). The antibody is affinity-purified using the immunizing peptide immobilized on agarose.

Anti-SERPINB10 reacts with amino acid residues 316-330 (SQSKADFGMSSARN) of human SERPINB10. The antibody may be used in immunoblotting (~45 kDa).

Members of the human serpin family regulate a diverse array of serine and cysteine proteinases associated with essential biological processes such as fibrinolysis, coagulation, inflammation, cell mobility, cellular differentiation, and apoptosis. Most serpins are secreted and attain physiologic concentrations in the blood and extracellular fluids. However, a subset of the serpin superfamily, the ov-serpins, also resides intracellularly. A novel serpin gene, SERPINB10, is highly expressed in human bone marrow cells and plays a role in the regulation of protease activities during hematopoiesis.

### Reagent

The antibody is supplied as a solution of ~1 mg/mL in phosphate buffered saline containing 0.02% sodium azide.

### Precautions and Disclaimer

Due to the sodium azide content a material safety sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazardous and safe handling practices.

### Storage/Stability

Store at -20 °C. The product may be stored at 2-8 °C for up to three months. For prolonged storage, freeze in working aliquots at -20 °C. Avoid repeated freezing and thawing. Do not store in a "frost-free" freezer.

### Product Profile

For immunoblotting, a minimum working antibody dilution of 1:500 is recommended.

Note: In order to obtain the best results in various techniques and preparations, we recommend determining optimal working dilutions by titration.

### References

1. Riewald, M., and Schleef, R.R., J. Biol. Chem., **270**, 26754-26757 (1995).

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