

Anti-SERPINE1 Antibody

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature
Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Anti-SERPINE1 Antibody is a humanized monoclonal antibody targeting Serpin Family E Member 1 (SERPINE1/PAI-1). SERPINE1, also known as Plasminogen Activator Inhibitor-1 (PAI-1), is the primary physiological inhibitor of tissue-type (tPA) and urokinase-type (uPA) plasminogen activators, playing a critical role in regulating fibrinolysis, cell migration, and tissue remodeling. Elevated PAI-1 levels are associated with thrombosis, fibrosis, metabolic syndrome, and tumor progression (including immune evasion and metastasis). Anti-SERPINE1 Antibody specifically binds to PAI-1, neutralizing its inhibitory activity and restoring tPA/uPA-mediated plasmin generation to promote fibrinolysis and reduce extracellular matrix deposition. Additionally, the antibody blocks PAI-1-mediated upregulation of PD-L1, thereby enhancing anti-tumor immune responses in the tumor microenvironment, and possesses potential anti-senescence properties.
Targets(IC50)	PAI-1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481