

Recombinant Plasminogen Activator Inhibitor (Type 1) / PAI-1 (Breast Cancer Prognostic Marker) Antibody

Mouse Monoclonal Antibody [Clone rTJA6]

Catalog No	Format	Size
5054-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5054-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5054-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

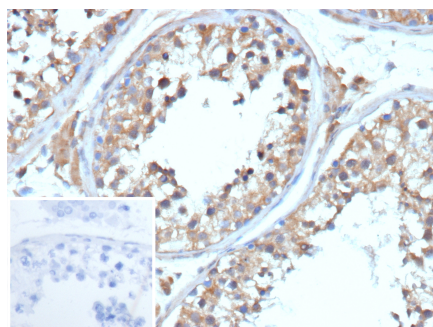
Applications	Tested Dilution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

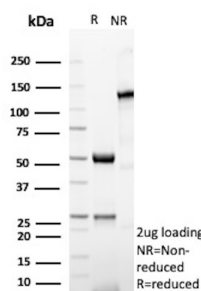
Clone	rTJA6
Gene Name	SERPINE1
Immunogen	Prokaryotic recombinant protein corresponding to a 250 amino acid portion of the N-terminus of the human PAI-1 molecule
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	50kDa
Cellular Localization	Secreted
Species Reactivity	Human
Positive Control	A-431 cells. Human placenta, lung or breast cancer.

*Optimal dilution for a specific application should be determined.

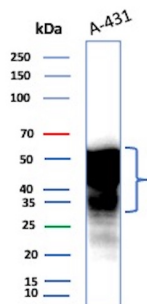
Product Images for Recombinant Plasminogen Activator Inhibitor (Type 1) / PAI-1 (Breast Cancer Prognostic Marker) Antibody



Formalin-fixed, paraffin-embedded human testis stained with Recombinant Mouse Monoclonal Antibody (rTJA6). Inset: PBS instead of primary antibody; secondary only negative control.



SDS-PAGE Analysis of Purified PAI-1 Recombinant Mouse Monoclonal Antibody (rTJA6). Confirmation of Purity and Integrity of Antibody.



Western blot analysis of A-431 cell lysate using PAI-1 Recombinant Mouse Monoclonal Antibody (rTJA6).

Specificity & Comments

This gene encodes a member of the serine proteinase inhibitor (serpin) superfamily. This member is the principal inhibitor of tissue plasminogen activator (tPA) and urokinase (uPA), and hence is an inhibitor of fibrinolysis. The protein also functions as a component of innate antiviral immunity. Defects in this gene are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency), and high concentrations of the gene product are associated with thrombophilia.

Supplied As

200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Immuno Oncology, Oncology

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.