

Monoclonal Antibody to Plasminogen Activator Inhibitor I (PAI) - Supernatant

Catalog No.:	DM417
Quantity:	1 ml
Background:	Plasminogen Activation Inhibitor type 1 (PAI-1) inhibits the conversion of plasminogen to plasmin. It is the principal inhibitor of plasminogen activators t-PA and uPA. PAI-1 is structurally related to the serine protease inhibitor superfamily. PAI-1 protein is overexpressed in a number of malignancies including ovarian cancers and derived cell lines, endometrial cancers, cervical cancer, malignant brain cancers and nasopharyngeal carcinomas.
Host / Isotype:	Mouse / IgG2b
Clone:	TAJ6
Immunogen:	Prokaryotic recombinant protein corresponding to a 250 amino acid portion of the N-terminus of the human PAI-1.
Format:	State: Liquid tissue culture supernatant Buffer System: 10 mM citrate buffer, pH 6.0 - containing sodium azide as preservative.
Applications:	Immunohistochemistry on paraffin embedded sections: diluted of 1:10-1:25 in an ABC method (60 minutes at room temperature) Recommended positive control: Breast or Ovarian carcinoma Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes a 48 kD protein. Cellular localization: Cytoplasmic. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.