

Mouse Tpa Monoclonal Antibody | anti-tPA antibody

Mouse anti Human Tpa

CATALOG # AAA50435	HOST Mouse	APPLICATIONS ELISA
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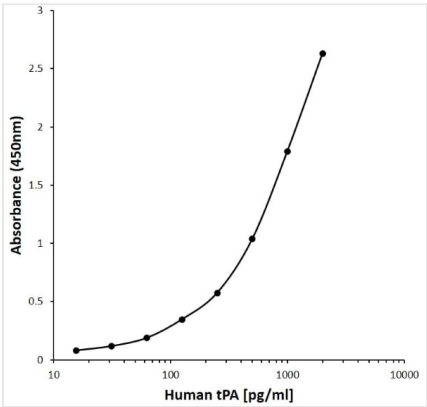
PRODUCT SYNONYMS

Tpa; Monoclonal Antibody; Mouse anti Human Tpa; Tpa antibody | D11-7G8; anti-tPA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	D11-7G8
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Form/Format	Phosphate buffered saline Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Applicable Applications for anti-tPA antibody	ELISA
Immunogen	Purified native human tPA
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Preservative Stabilizers	0.09% Sodium Azide (NaN ₃)
Target Species	Human
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20 degree C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8 degree C for short term use (up to 4 weeks) and store the remaining aliquots at -20 degree C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

IMAGES



ELISA
Sandwich ELISA analysis of human tPA using Mouse anti Human tPA (AAA50435) as a capture reagent and biotinylated Mouse anti Human tPA as a detection reagent with purified native tPA as the antigen. Detection was performed using HRP conjugated

ADDITIONAL INFORMATION

Related Product Information for anti-tPA antibody	Specificity: Mouse anti Human tPA antibody, clone D11-7G8, recognizes tissue type plasminogen activator (tPA) also known as PLAT. tPA is a serine protease that in the intravascular space, catalyzes the conversion of plasminogen to plasmin. tPA is expressed in various cell types including endothelial cells, glial cells and neurons. Within the brain tPA plays a role in synaptic plasticity, detection and adaptation to metabolic stress, modulation of the blood-brain barrier permeability and remodeling of the extracellular matrix (Jeanneret & Yepes 2017). The purified Mouse anti Human tPA antibody, clone D11-7G8 can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human tPA antibody, clone D12-9A7 as the detection antibody.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190032
NCBI GeneID	5327
UniProt Accession #	P00750; Q15103; Q503B0; Q6PJA5; Q7Z7N2; Q86YK8; Q9BU99; Q9BZW1; A8K022; B2R8E8
NCBI Official Full Name	tissue-type plasminogen activator
NCBI Official Synonym Full Names	plasminogen activator, tissue
NCBI Official Symbol	PLAT
NCBI Official Synonym Symbols	TPA; T-PA
NCBI Protein Information	tissue-type plasminogen activator; alteplase; reteplase; t-plasminogen activator; plasminogen activator, tissue type; tissue plasminogen activator (t-PA)
UniProt Protein Name	Tissue-type plasminogen activator
UniProt Gene Name	PLAT
UniProt Synonym Gene Names	t-PA; t-plasminogen activator; tPA
UniProt Entry Name	TPA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.