Datasheet: MCA6282GA

Description:	MOUSE ANTI HUMAN tPA
Specificity:	tPA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	D11-7G8
Isotype:	IgG1
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			1.0 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN_3)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified native human tPA

External Database Links	**UniProt:** P00750 Related reagents **Entrez Gene:** 5327 PLAT Related reagents
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
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 (MCA62682GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human tPA antibody, clone D12-9A7 (MCA6283B) as the detection antibody.
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA6282GA 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos., HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC

Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA928)

Recommended Useful Reagents

MOUSE ANTI HUMAN tPA:Biotin (MCA6283B)

ELISA Matched Pair - Detection Antibody

MOUSE ANTI HUMAN tPA:Biotin (MCA6283B)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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