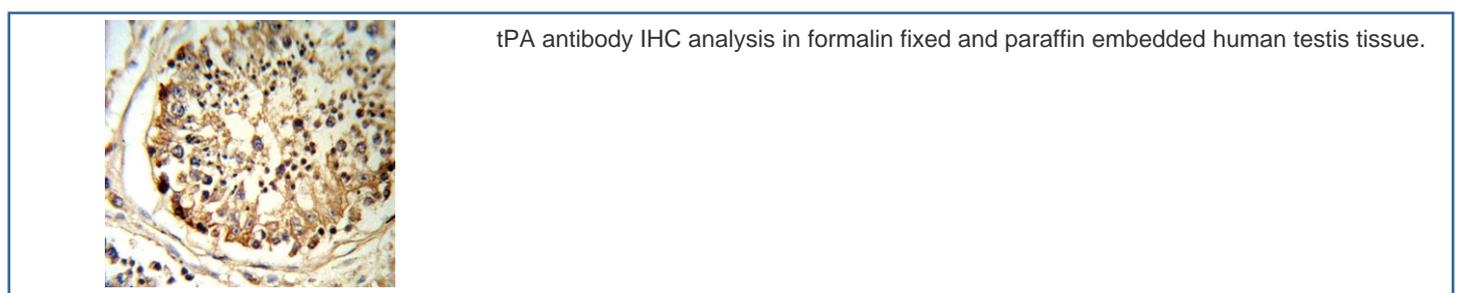
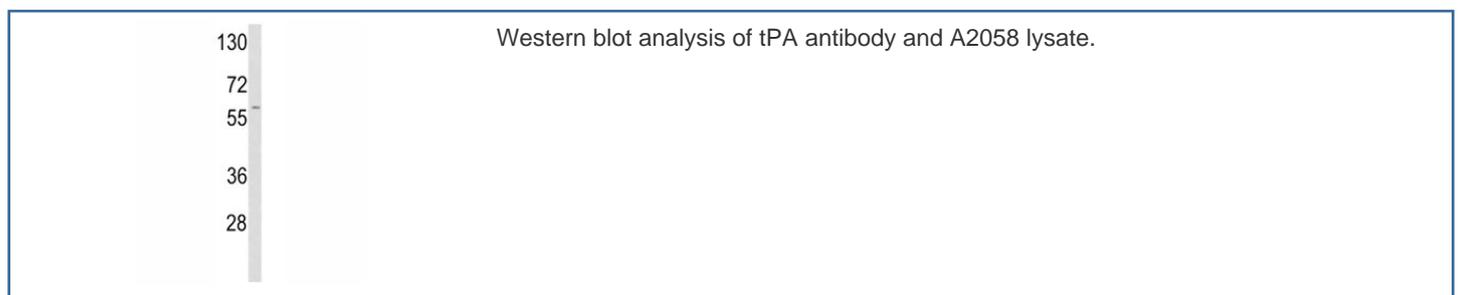


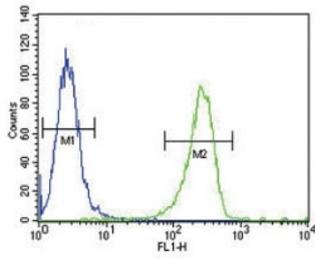
tPA Antibody / Tissue Plasminogen Activator (F49859)

Catalog No.	Formulation	Size
F49859-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49859-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P00750
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This tPA antibody is available for research use only.





tPA antibody flow cytometric analysis of A2058 cells (green) compared to a [negative control](#) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

TPA is a tissue-type plasminogen activator, a secreted serine protease which converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. Tissue-type plasminogen activator is synthesized as a single chain which is cleaved by plasmin to a two chain disulfide linked protein. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding; decreased activity leads to hypofibrinolysis which can result in thrombosis or embolism.

Application Notes

Titration of the tPA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 371-399 from the human protein was used as the immunogen for this tPA antibody.

Storage

Aliquot the tPA antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.