



20150217ML

# Anti-Human uPA (#8G26)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>101-M697</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with Human uPA recombinant protein.

## Target Background

<b>Synonyms (Target):</b>	PLAU; ATF; QPD; UPA; URK; u-PA; BDPLT5
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u-Plasminogen Activator (uPA) is a serine protease that converts plasminogen to plasmin, with roles in a variety of normal and pathological processes that include cell migration and tissue destruction. uPA is a potent marker of invasion and metastasis in a variety of human cancers including breast, stomach, colon, bladder, ovarian, brain, and endometrium.

## Database References Target

<b>Protein RefSeq:</b>	NP_002649.1
<b>Uniprot ID:</b>	P00749
<b>mRNA RefSeq:</b>	NM_002658.3

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#8G26)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	recombinant human uPA
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS (sterile)

**Reconstitution:** Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

**Remarks:** This antibody was selected for its ability to detect human uPA.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB

**Recommended usage:**

WB: Use at 1:500-1000

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**