

## Anti-Urokinase-type plasminogen activator [mAb-112] Standard Size Ab00367-10.7

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Human IgG1 sequence with a short dimerization domain to improve stability and a his tag.

This chimeric human antibody was made using the variable domain sequences of the original mouse IgG1 format for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human F(ab)2, AbFab2™ His-Tagged, Kappa

**Clone Number:** mAb-112

**Alternative Name(s) of Target:** pro-uPA; urokinase zymogen

**UniProt Accession Number of Target Protein:** P00748

**Published Application(s):** Blocking, WB

**Published Species Reactivity:** Human

**Immunogen:** Human recombinant single chain pro-uPA.

**Specificity:** The antibody binds to pro-uPA with a Kd of 0.8E-9M.

**Application Notes:** The antibody binds to and stabilizes pro-uPA, the zymogen form (inactive) of urokinase-type plasminogen activator. Active uPA catalyzes the conversion of plasminogen to the active protease plasmin, a protease that degrades extracellular matrix proteins. T

**Antibody First Published in:** Blouse et al. 2009 A novel mode of intervention with serine protease activity: targeting zymogen activation. Journal of Biological Chemistry 2009; 284(7):4647-4657

[PMID:19047064](#)

**Note on publication:** Describes the generation of a monoclonal antibody that binds to pro-uPA with subnanomolar affinity.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.