

Plasma Kallikrein 1B antibody [13G11]

Cat. No. GTX21006

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ELISA
Reactivity	Human

References (2)

Package

50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1-5µg/ml
ELISA	5-10µg/ml

Not tested in other applications.

Calculated MW 71 kDa. ([Note](#))

Product Note

This antibody recognizes two variants of prekallikrein in human plasma, 88kDa and 85kDa, and its activation products kallikrein, the complexes formed by kallikrein with its endogenous inhibitors C1 inhibitor, alpha-2-macroglobulin and antithrombin III, and 45kDa prekallikrein/kallikrein fragments. The epitope for this antibody is located on the prekallikrein/kallikrein heavy chain and is involved in the interaction between prekallikrein and factor XIIa. This antibody inhibits prekallikrein activation in human and rhesus plasmas by ~60- 80% and 55%, respectively. This antibody does not cross-react with tissue kallikrein.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Purified human prekallikrein.
Purification	Protein G purified
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX21006 WB Image

WB analysis of purified human prekallikrein protein (Lane 1) and normal human plasma (Lanes 2 and 3) lysates using GTX21006 Plasma Kallikrein 1B antibody [13G11].



For full product information, images and publications, please visit our [website](https://www.genetex.com).