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## anti-Prekallikrein antibody (Heavy Chain)



### Overview

Quantity:	0.2 mg
Target:	Prekallikrein (PK)
Binding Specificity:	Heavy Chain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Prekallikrein antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### **Product Details**

Immunogen:

Clone:	901
Isotype:	lgG1
Specificity:	Recognizes two variants (88 kDa and 85 kDa) of prekallikrein and its activation products
	kallikrein (88 kDa and 85 kDa), the complexes formed by kallikrein with its endogenous
	inhibitors C1 inhibitor, alpha-2-macroglobulin and Antithrombin III, and 45 kDa
	prekallikrein/kallikrein fragment(s). Recognizes prekallikrein and its activation products in
	human, chimpanzee, rhesus, and baboon plasmas. The epitope for this antibody, located on the
	prekallikrein/kallikrein heavy chain, is involved in the interaction between prekallikrein and factor
	XIIa. This antibody inhibits prekallikrein activation in human and rhesus plasmas by
	approximately 60-80% and 55%, respectively. This antibody does not cross-react with tissue

Purified human plasma prekallikrein

#### Product Details

Storage:

Storage Comment:

-20 °C

Upon receipt, aliquot and store at -20 °C.

Product Details	
	kallikrein.
Characteristics:	MAb to Prekallikrein Heavy Chain, Monoclonal antibody to Prekallikrein Heavy Chain
Purification:	Protein G Chromatography. Ascites
Target Details	
Target:	Prekallikrein (PK)
Alternative Name:	Prekallikrein (PK Products)
Application Details	
Application Notes:	Suitable for use in ELISA and Western blot. Note: Prekallikrein activation may occur with repeated freezing/thawing (3x or more) of plasma samples. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4.
Preservative:	Without preservative
Handling Advice:	Avoid multiple freeze/thaw cycles.  Centrifuge product if not completely clear after standing at room temperature.  Prepare working dilution only prior to immediate use.