

# NeutraKine® Thrombin-Coagulation FactorII Monoclonal antibody

Catalog Number: 69014-1-Ig

## Basic Information

Catalog Number: 69014-1-Ig	GenBank Accession Number: GeneID (NCBI): 2147	Purification Method: Protein G purification
Size: 100ug	Full Name: coagulation factor II (thrombin)	CloneNo.: 2G3G10
Source: Mouse		
Isotype: IgG1		
Immunogen Catalog Number: HZ-3010		

## Applications

Tested Applications:  
Neutralization, ELISA

Species Specificity:  
Human

## Background Information

Normal blood coagulation is a complex process, involving a cascade of activation of different plasma proteins, ultimately resulting in the formation of a clot, called fibrin. Factor II, or prothrombin, is one of the components of this chain of plasma proteins involved in blood coagulation. Thrombin is essential in the processes of hemostasis and thrombosis.

This antibody can be used to neutralize the bioactivity of Thrombin-Coagulation FactorII.

## Storage

Storage:  
Lyophilized antibodies are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at(4°C) for short term or at(-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Storage Buffer:  
Sterile PBS.

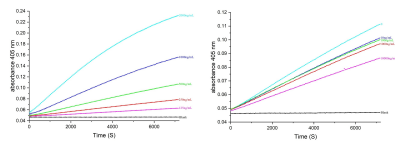
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Recombinant human Thrombin (Cat.NO. HZ-3010) catalyzes Spectrozyme PL to form chromophore (monitored absorbance at 405 nm) in a dose dependent manner (left panel). The activity of Thrombin (400ng/mL HZ-3010) was inhibited by serial dose of anti-Thrombin monoclonal antibody 69014-1-Ig (right panel). The typically ND50 is 5-20 µg/mL.