For Research Use Only

NeutraKine® Thrombin-Coagulation FactorII Monoclonal antibody

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:69014-1-Ig

Basic Information

Catalog Number:
69014-1-Ig

Size:

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
HZ-3010

GenBank Accession Number:

GeneID (NCBI):
2147

Full Name:
coagulation factor II (prothrombin)

Purification Method:
Protein G purification

CloneNo.:
2G3G10

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. Coagulation Factor II, also known as prothrombin or factor II, is one of the components of this chain of plasma proteins involved in blood coagulation. Prothrombin is the precursor of thrombin, which 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

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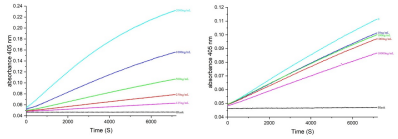
Selected Validation Data



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