

Nur für Forschungszwecke

NeutraKine® Cystatin C Monoklonaler Antikörper



Katalog-Nr.: 69017-1-Ig

Allgemeine Informationen

Katalog-Nr.:

69017-1-Ig

Größe:

100ug

Wirt:

Maus

Isotyp:

IgG1

Immunogen Katalognummer:

HZ-1211

GenBank-Zugangsnummer:

GeneID (NCBI):

1471

Vollständiger Name:

cystatin C

Reinigungsmethode:

Protein-G-Reinigung

CloneNo.:

1H1B4

Anwendungen

Geprüfte Anwendungen:

Neutralization, ELISA

Getestete Reaktivität:

Human

Hintergrundinformationen

Cystatin C is a 13-kDa inhibitor of cysteine proteinases which is secreted by all cell types and is completely cleared from the organism through glomerular filtration, shown to be an early and sensitive biomarker of renal dysfunction. It is also used as an emerging biomarker in cardiovascular disease. Cystatin C is involved in a variety of inflammatory reactions. The concentration of serum cystatin C has also been shown to be unaltered in certain inflammatory conditions or other disorders of metabolism. The plasma level of serum cystatin C can be expressed as its level of generation from cells and diet and its subsequent elimination through the gut, liver, and kidneys.

This antibody can be used to neutralize the bioactivity of Cystatin C.

Lagerung

Lagerungsbedingungen:

Lyophilisierte Antikörper sind bei Lagerung zwischen (-20°C) und (-80°C) 1 Jahr ab Empfangsdatum stabil. Bei Rekonstitution empfehlen wir, die Lösung kurzfristig bei (4°C) oder langfristig bei (-20°C) bis (-80°C). Rekonstituierte Produkte sollten nicht wiederholt eingefroren und wieder aufgetaut werden.

Lagerungspuffer:

Sterile PBS.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

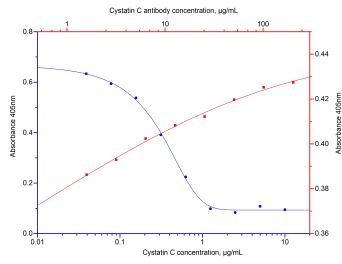
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Recombinant human Cystatin C (Cat.NO. HZ-1211) inhibits Papain protease (5 µg/mL) activity (by colorimetric assay using L-BAPA as substrate) in a dose-dependent manner (blue curve, refer to bottom X-left Y). The activity of human Cystatin C (0.4 µg/mL HZ-1211) is neutralized by mouse anti-human Cystatin C monoclonal antibody 69017-1-Ig at serial dose (red curve, refer to top X-right Y). The ND50 is around 0.5mg/mL.