

NeutraControl Thrombopoietin Monoklonaler Antikörper

Katalog-Nr.: 69528-1-Ig

Allgemeine Informationen

Katalog-Nr.:
69528-1-Ig

Größe:
100ug

Wirt:
Maus

Isotyp:
IgG2a

Immunogen Katalognummer:
HZ-1248

GenBank-Zugangsnummer:

GeneID (NCBI):
7066

Vollständiger Name:
thrombopoietin

Reinigungsmethode:

Protein-A-Reinigung

CloneNo.:

1H3G12

Anwendungen

Geprüfte Anwendungen:

Non-Neutralization, ELISA

Getestete Reaktivität:

Human

Hintergrundinformationen

Thrombopoietin (TPO) is a primary regulator of megakaryocyte development and platelet production in mammals. Human TPO constitutively circulates and maintains thrombopoiesis through interaction with its cognate receptor, myeloproliferative leukemia protein (MPL). TPO also plays an important role in the maintenance and regulation of hematopoietic stem cells (HSCs).

This antibody is a neutralizing control antibody for THPO, the immunogen is the same as Neutrakine 69028-1-Ig but could not neutralize human TPO.

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**

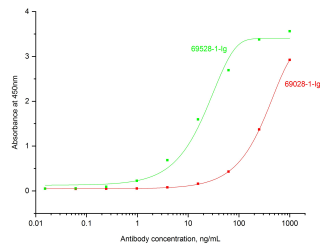
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

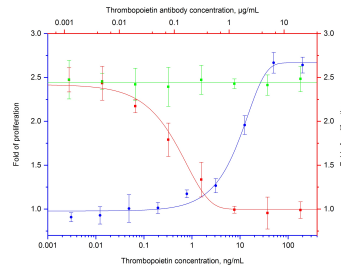
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Indirect ELISA was carried out by coating recombinant Human Thrombopoietin (Cat.NO. HZ-1248) at 70 ng/well followed by blocking and adding serial diluted Thrombopoietin antibody 69028-1-Ig and 69528-1-Ig respectively. Signal was developed with TMB and stopped by H₂SO₄. Signal strength was measured by absorbance at 450 nm.



Recombinant human Thrombopoietin (Cat.NO. HZ-1248) stimulates proliferation of TF-1 cell line (human erythroleukemic cell line) in a dose-dependent manner (blue curve, refer to bottom X-left Y). The activity of human Thrombopoietin (30 ng/mL HZ-1248) is neutralized by mouse anti-human Thrombopoietin monoclonal antibody 69028-1-Ig at serial dose (red curve, refer to top X-right Y). The ND50 is typically 0.1-0.5 μg/mL. The NeutraControl mouse anti-