

Biotin Anti-Thrombopoietin antibody ab84445

Overview

Product name	Biotin Anti-Thrombopoietin antibody
Description	Biotin Goat polyclonal to Thrombopoietin
Host species	Goat
Conjugation	Biotin
Tested applications	Suitable for: Sandwich ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Highly pure (>98%) recombinant Human full length protein
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Lyophilized:Centrifuge vial prior to opening. Reconstitute in 50ul sterile PBS containing 0.1% BSA.
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituents: 0.1% BSA, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab84445 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Sandwich ELISA		Use a concentration of 0.25 - 1 µg/ml.
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 37 kDa.

Target

Function	Lineage-specific cytokine affecting the proliferation and maturation of megakaryocytes from their committed progenitor cells. It acts at a late stage of megakaryocyte development. It may be the major physiological regulator of circulating platelets.
Involvement in disease	Defects in THPO are a cause of essential thrombocythemia (ET) [MIM:187950]. ET is inherited as an autosomal dominant trait which is characterized by elevated platelet levels due to sustained proliferation of megakaryocytes, and frequently lead to thrombotic and haemorrhagic complications.
Sequence similarities	Belongs to the EPO/TPO family.
Domain	Two-domain structure with an erythropoietin-like N-terminal and a Ser/Pro/Thr-rich C-terminal.
Cellular localization	Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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