
Product Name: Thrombopoietin Rabbit Monoclonal Antibody**Catalog #: AMRe86620**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.09mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:500-1:2000,ICC/IF 1:20-1:50,FC 1:20-1:50
Molecular Weight	Calculated MW:38 kDa; Observed MW:38 kDa

Antigen Information

Gene Name	Thrombopoietin
Alternative Names	ML; TPO; MGDF; MKCSF; MPLLG; THCYT1
Gene ID	7066
SwissProt ID	P40225
Immunogen	Recombinant protein of human Thrombopoietin

Background

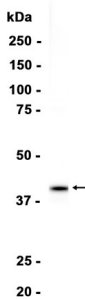
Megakaryocytopoiesis is the cellular development process that leads to platelet production. The main functional protein encoded by this gene is a humoral growth factor that is necessary for megakaryocyte proliferation and maturation, as well as

for thrombopoiesis. This protein is the ligand for MLP/C_MPL, the product of myeloproliferative leukemia virus oncogene. Mutations in this gene are the cause of thrombocythemia 1. Alternative promoter usage and differential splicing result in multiple transcript variants differing in the 5' UTR and/or coding region. Multiple AUG codons upstream of the main open reading frame (ORF) have been identified, and these upstream AUGs inhibit translation of the main ORF at different extent. [provided by RefSeq, Feb 2014]

Research Area

Image Data

Human fetal liver



Western blot analysis of extracts from Human fetal liver tissue using Thrombopoietin Rabbit Monoclonal Antibody at 1:1000.