Product Name: **THPO Mouse Monoclonal Antibody**
Catalog #: **AMM81119**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	37.8kDa

Antigen Information

Gene Name	THPO
Alternative Names	ML; TPO; MGDF; MKCSF; MPLLG
Gene ID	7066.0
SwissProt ID	P40225
Immunogen	Purified recombinant fragment of human THPO expressed in E. Coli.

Background

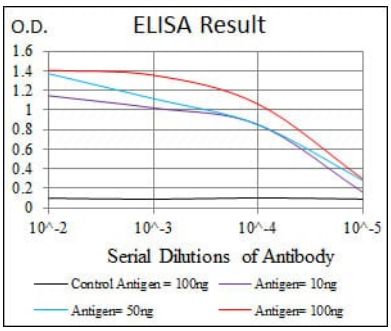
Megakaryocytopoiesis is the cellular development process that leads to platelet production. The protein encoded by this gene is a humoral growth factor that is necessary for megakaryocyte proliferation and maturation, as well as for thrombopoiesis. This protein is the ligand for MLP/C_MPL, the product of myeloproliferative leukemia virus oncogene. Alternate splicing results in

multiple transcript variants of this gene.

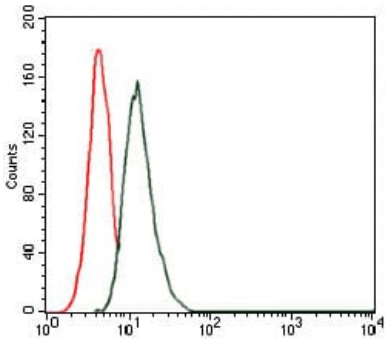
Research Area

TGF-beta signaling pathway

Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Flow cytometric analysis of MCF-7 cells using THPO mouse mAb (green) and negative control (red).